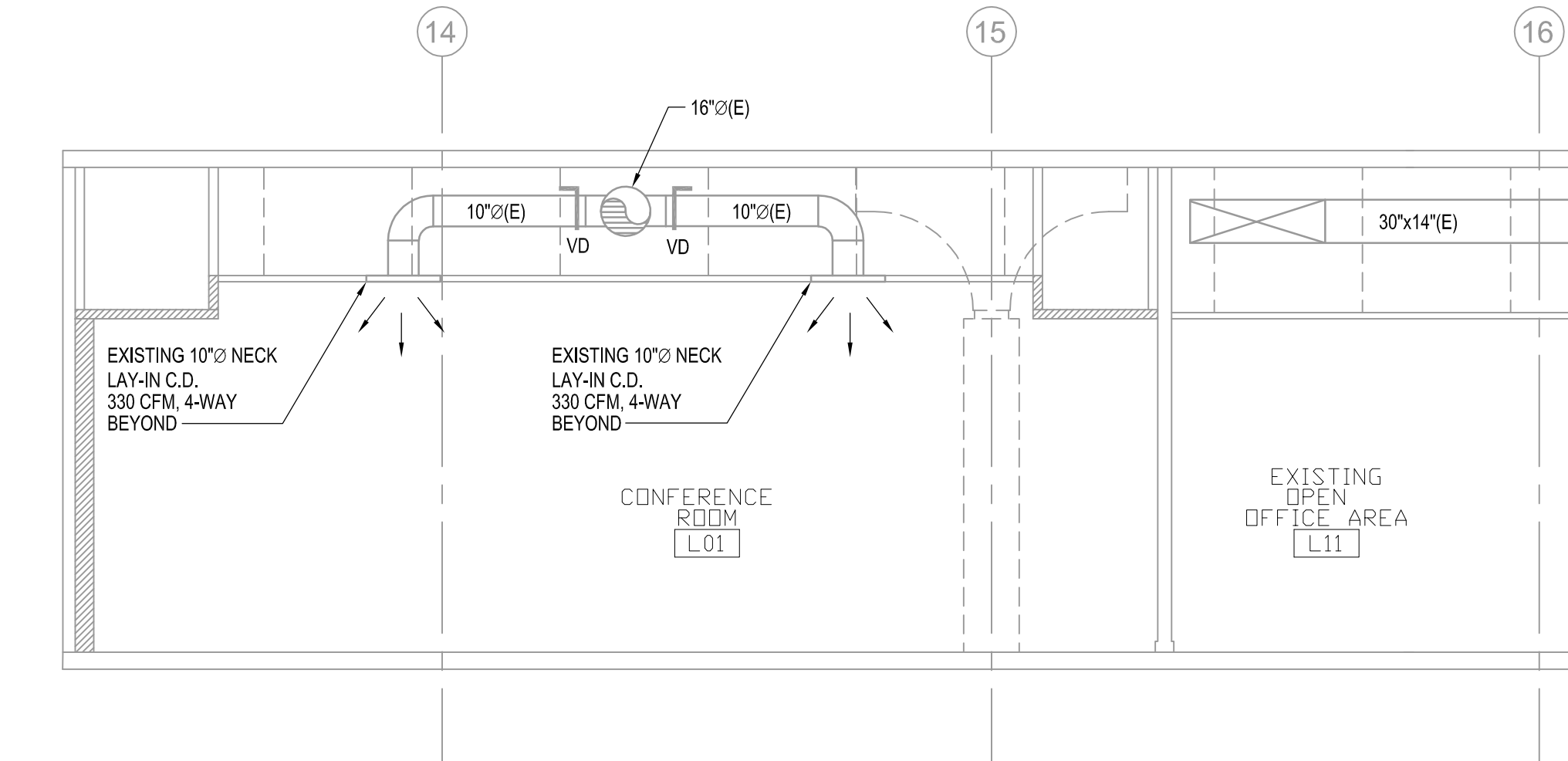
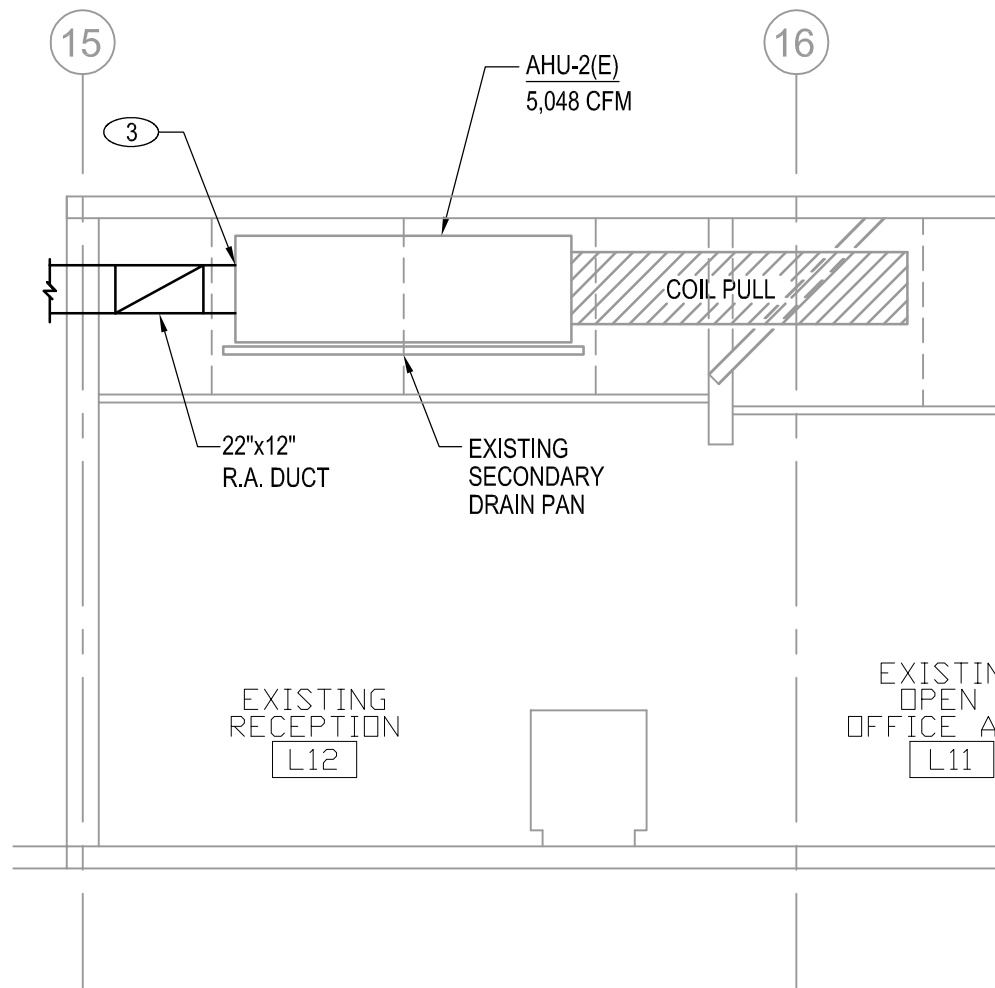
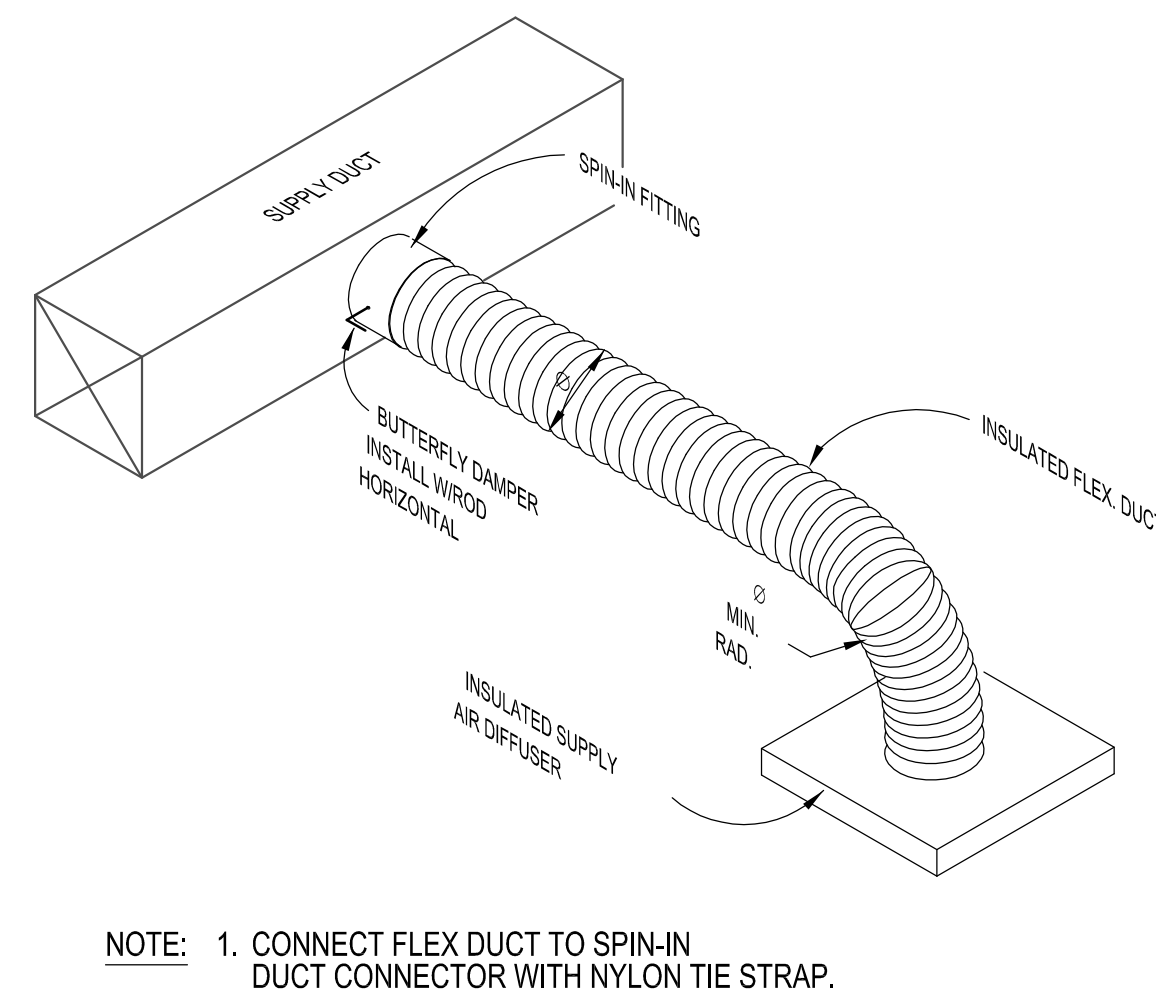


ADDITIVE ALTERNATE # 3
NEW AIR CONDITIONING PARTIAL FLOOR PLAN
SCALE: 1/4"= 1'-0"

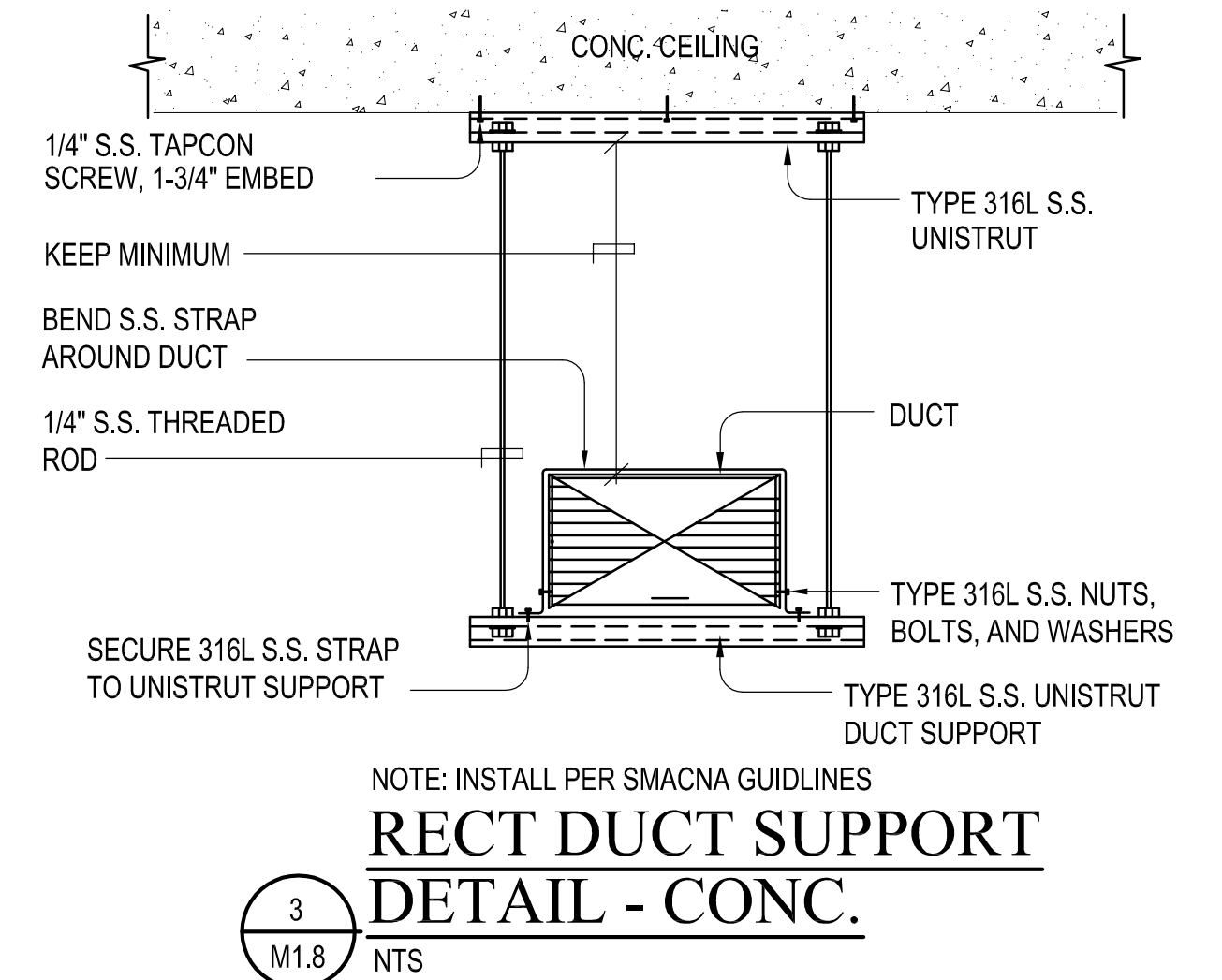


ADDITIVE ALTERNATE # 3
SECTION THROUGH BUILDING
SCALE: 1/4"= 1'-0"





NOTE: 1. CONNECT FLEX DUCT TO SPIN-IN DUCT CONNECTOR WITH NYLON TIE STRAP



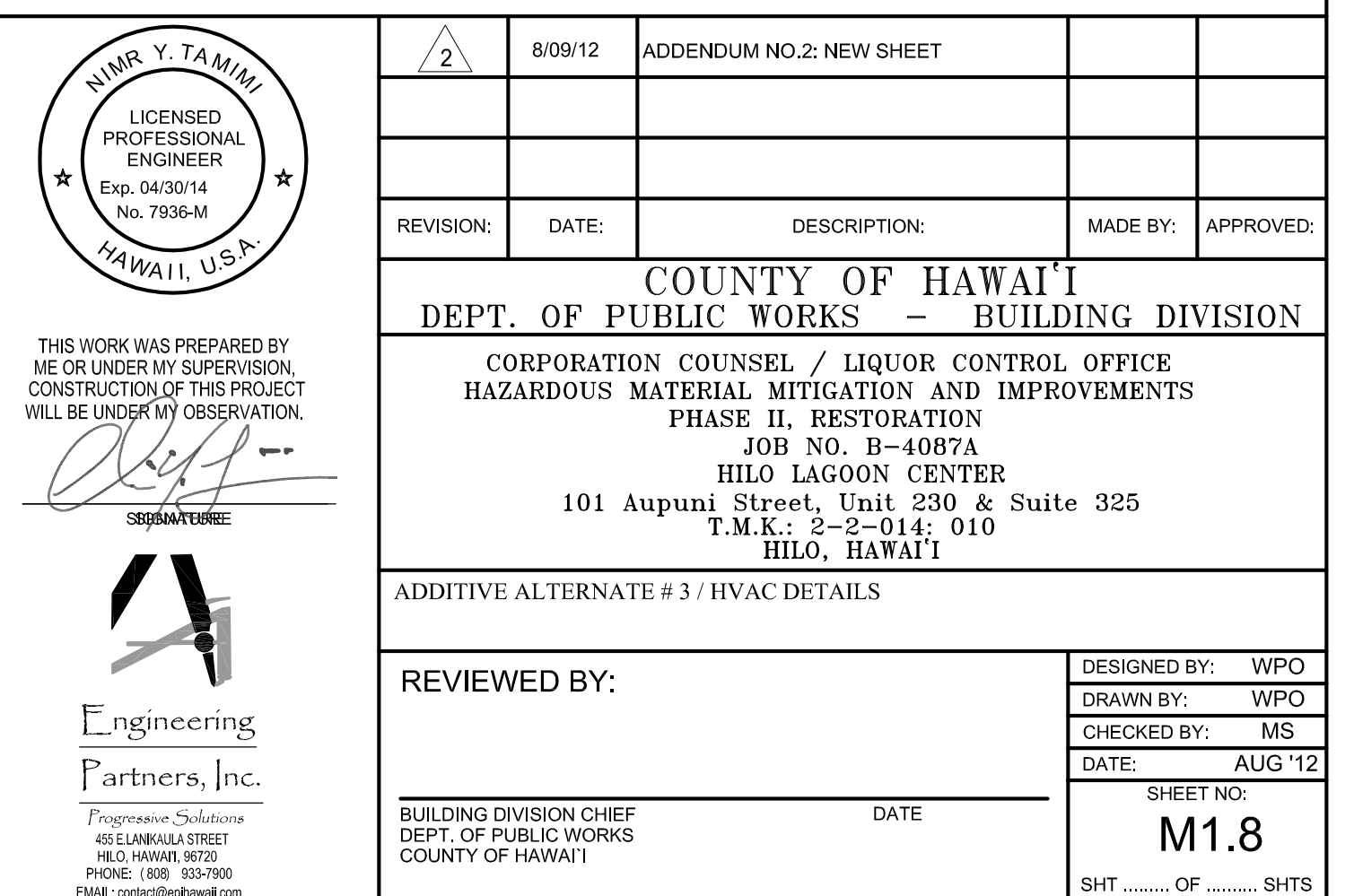
NOTE: INSTALL PER SMACNA GUIDLINES

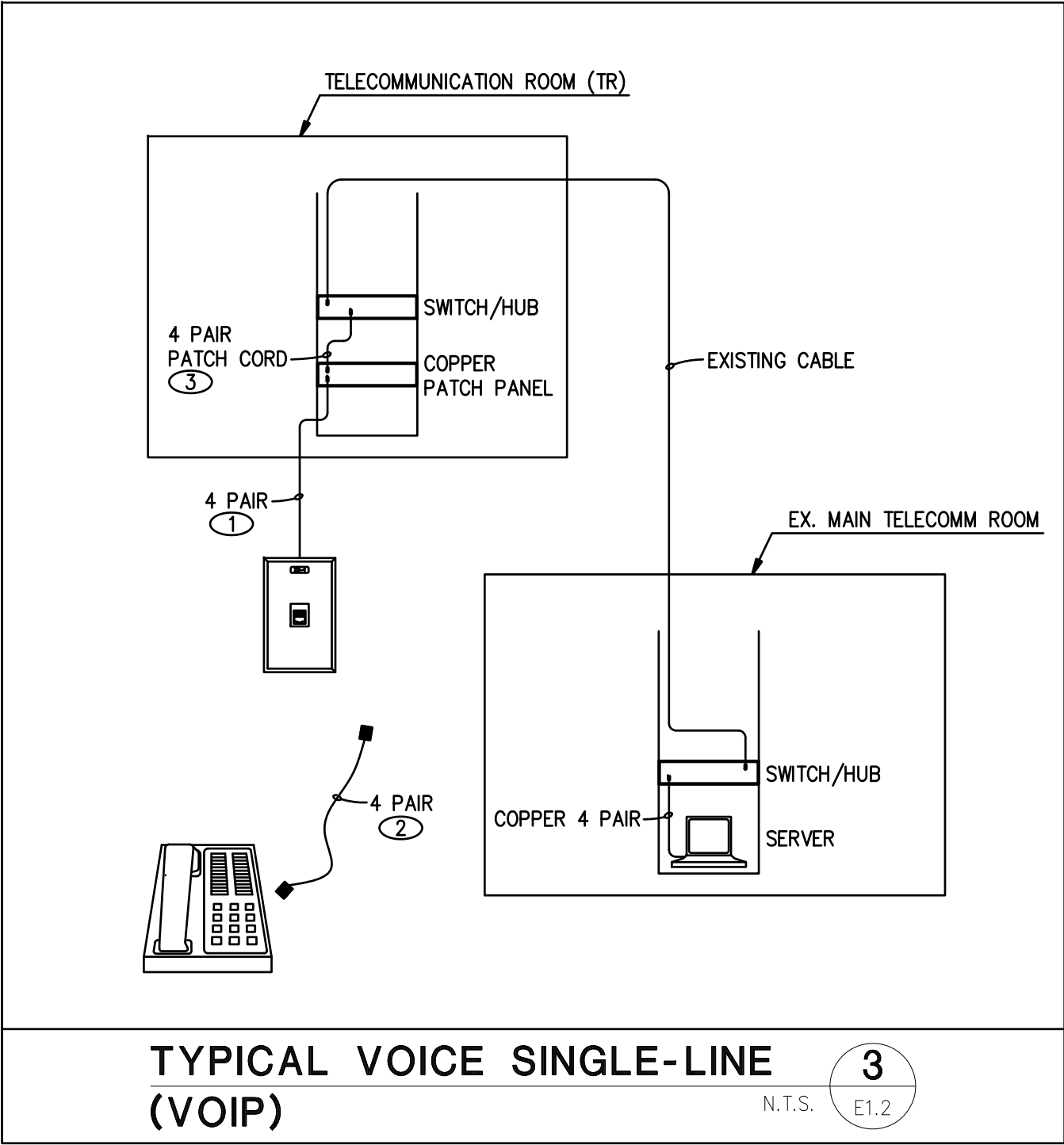
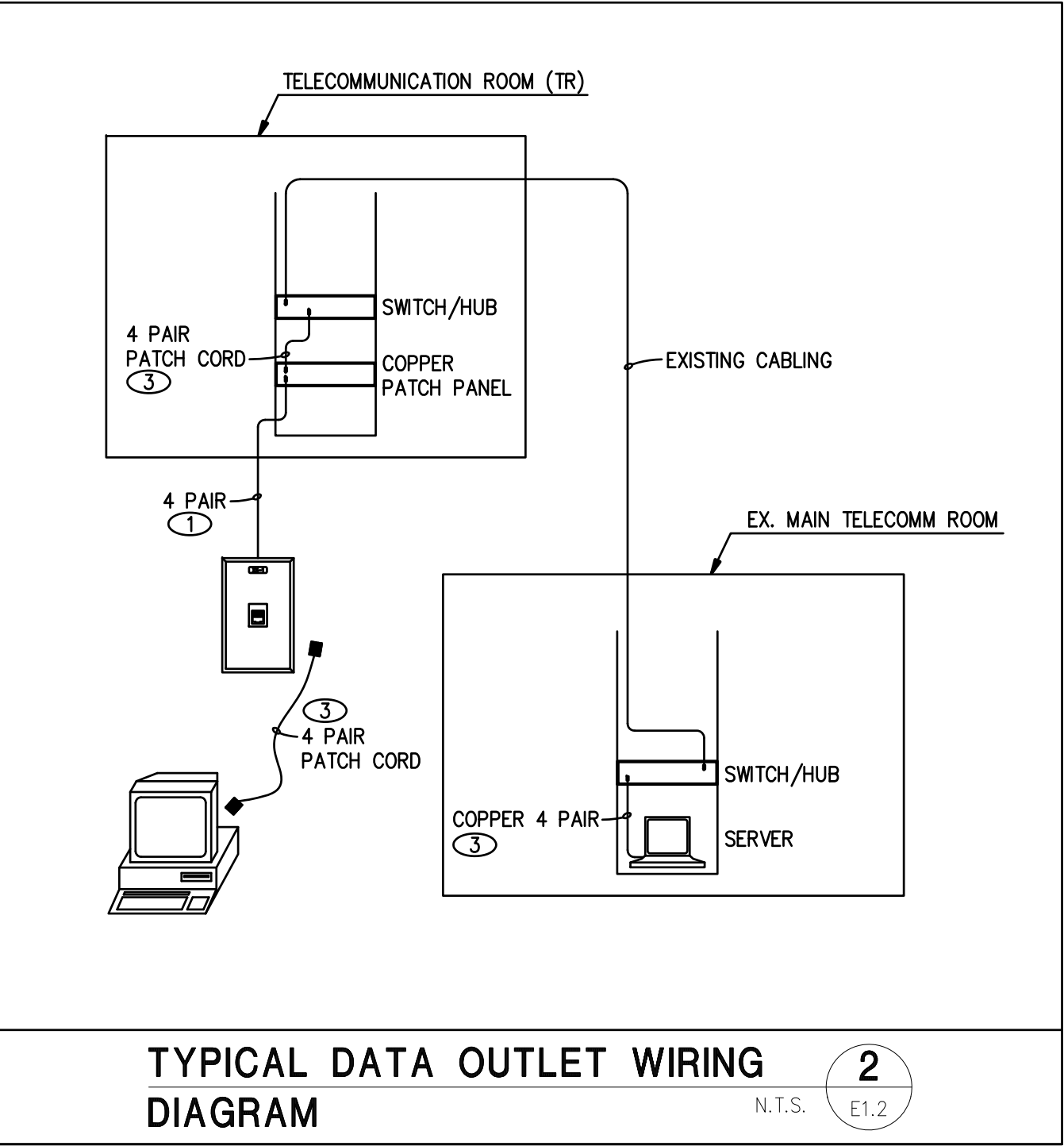
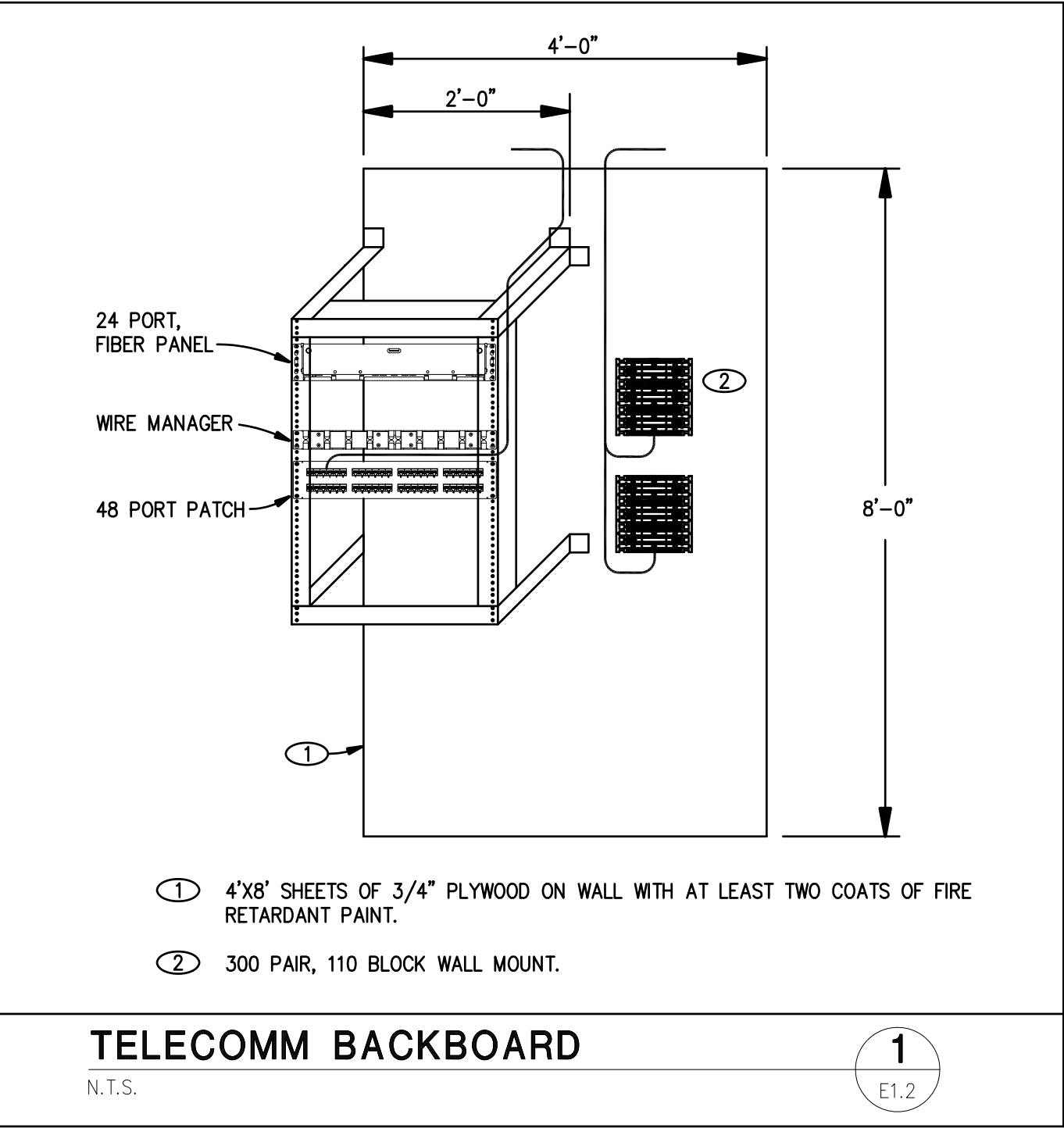
RECT DUCT SUPPORT

DETAIL - CONC.

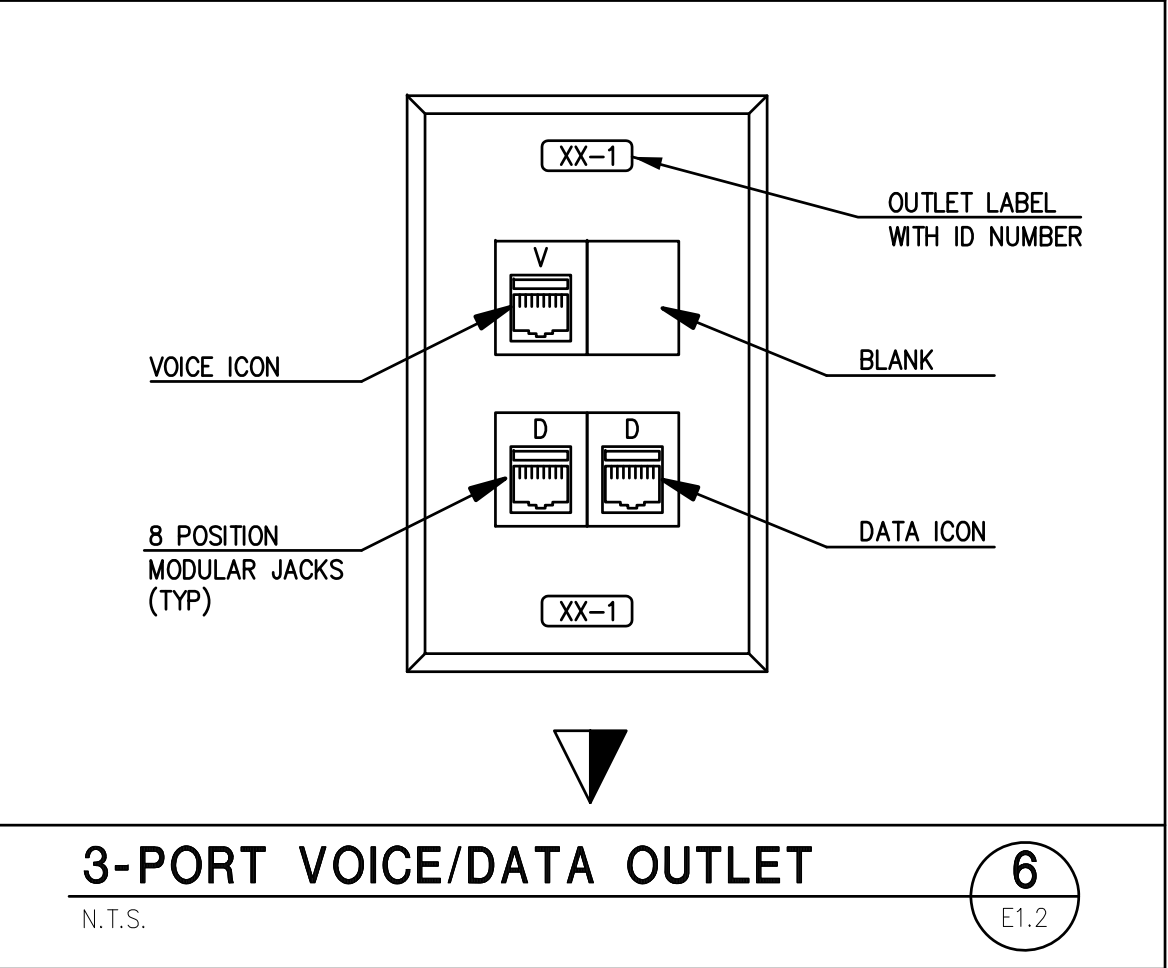
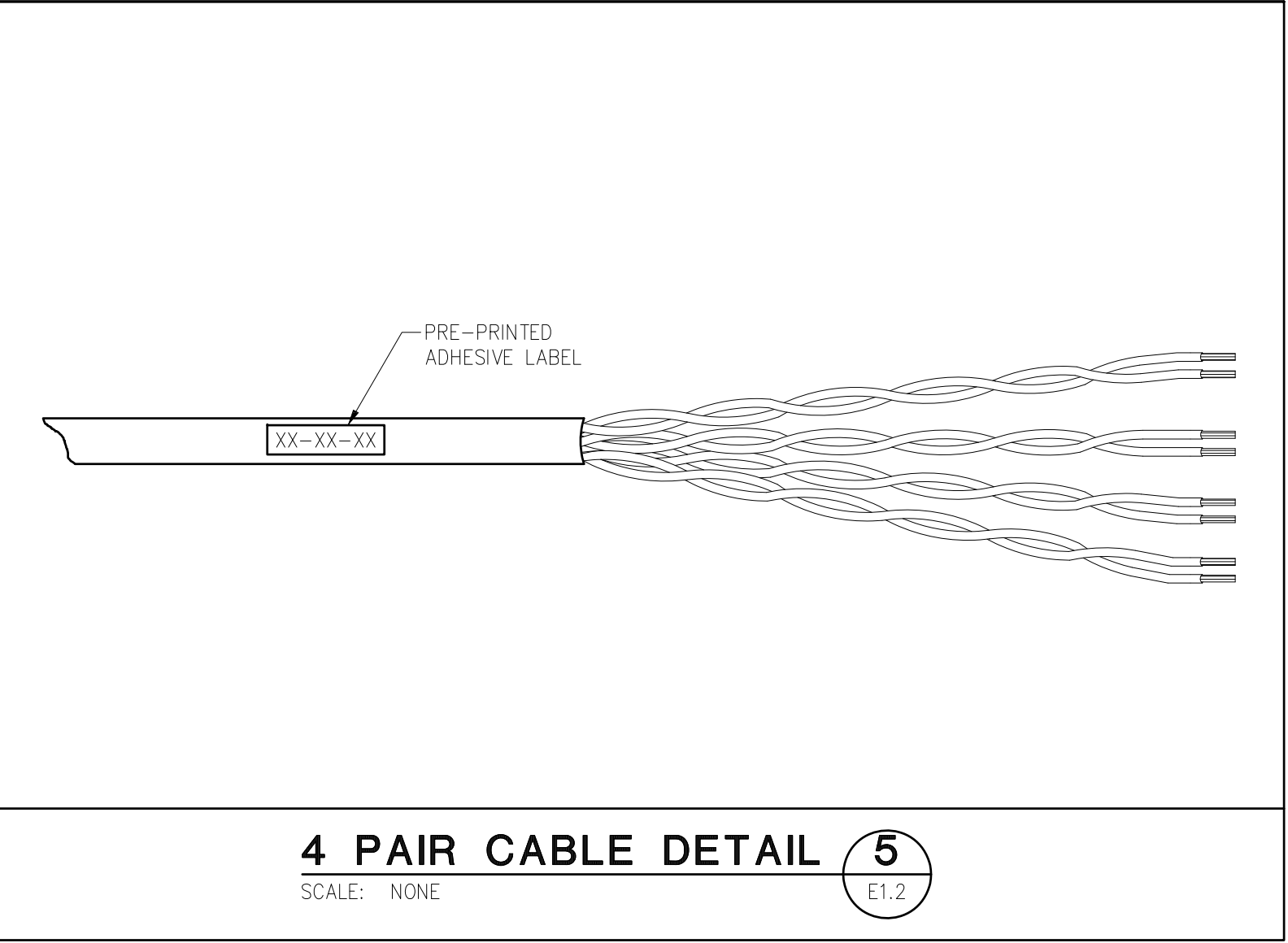
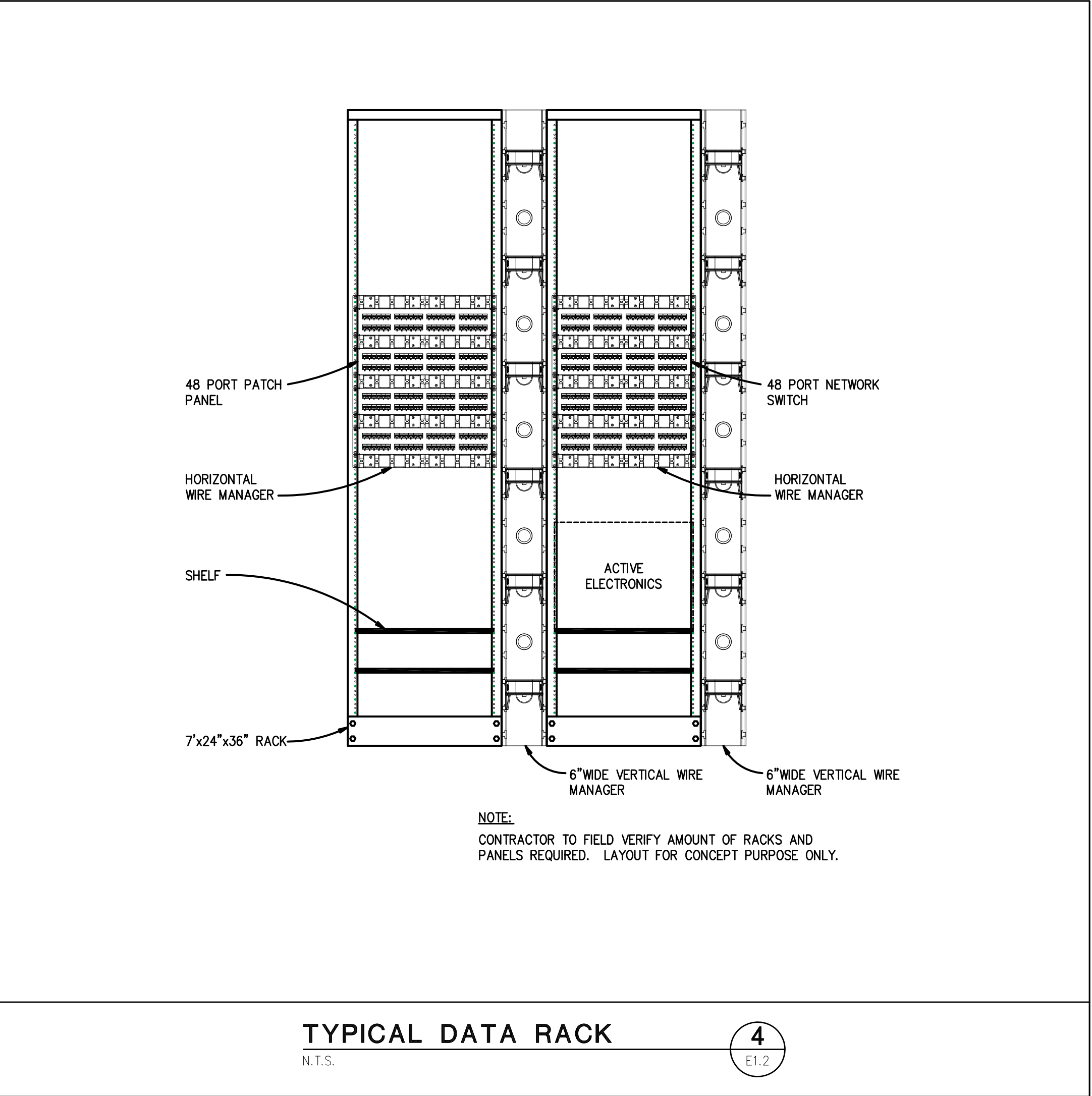


2 TYPICAL DUCT CONNECTION

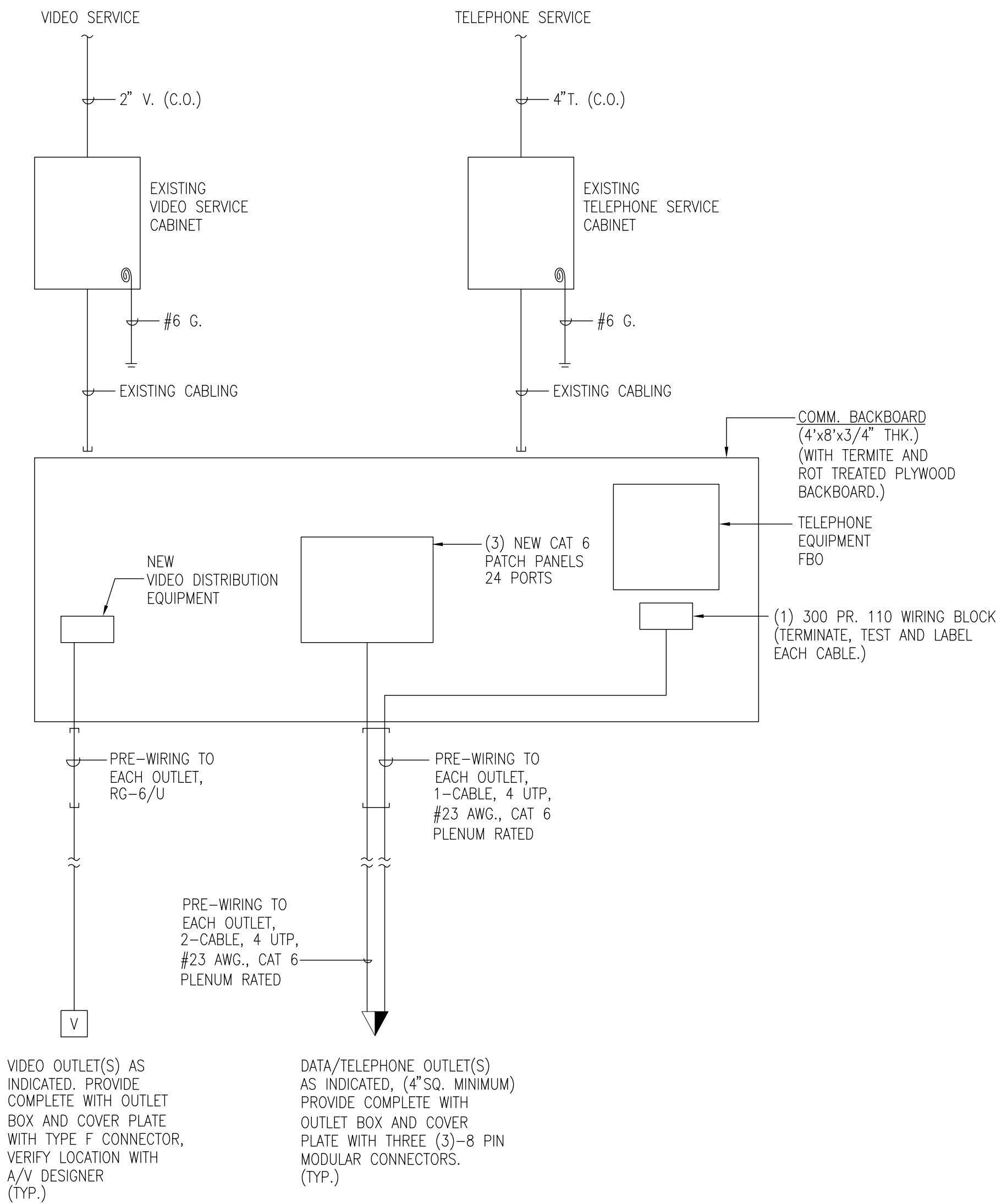




NOTES	
①	CABLE AND TERMINATION BY CONTRACTOR.
②	PROVIDED BY TELEPHONE SYSTEM VENDOR.
③	PROVIDED BY OWNER.



<p>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.</p> <p>SIGNATURE</p> <p> Engineering Partners, Inc. 455 LUNAWALA STREET HILO, HAWAII, 96720 PHONE: (808) 933-7900 EMAIL: contact@cpshawaii.com</p>	REVISION: 2	DATE: 8/09/12	DESCRIPTION: ADDENDUM NO.2: REVISED ENTIRE SHEET	MADE BY:	APPROVED:
	<p>COUNTY OF HAWAII DEPT. OF PUBLIC WORKS - BUILDING DIVISION</p> <p>CORPORATION COUNSEL / LIQUOR CONTROL OFFICE HAZARDOUS MATERIAL MITIGATION AND IMPROVEMENTS PHASE II, RESTORATION JOB NO. B-4087A HILO LAGOON CENTER 101 Aupuni Street, Unit 230 & Suite 325 T.M.K.: 2-2-014: 010 HILO, HAWAII</p> <p>TELECOMMUNICATIONS DETAILS</p> <p>REVIEWED BY:</p> <p>BUILDING DIVISION CHIEF DEPT. OF PUBLIC WORKS COUNTY OF HAWAII</p>				
DESIGNED BY: CIL DRAWN BY: CIL CHECKED BY: CIL DATE: MAY '12				SHEET NO: E1.2 SHT. OF SHTS.	



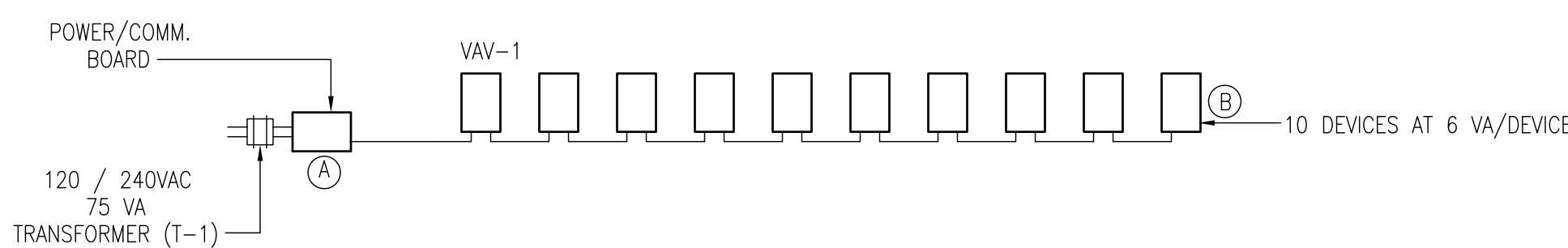
CAT 6

1. ESTIMATED SERVICE POINTS REQUIRED: 30

ONE-LINE DIAGRAM - COMMUNICATIONS (LIQUOR COMM.)

1
E2.1

SCALE: NOT TO SCALE



NOTES

- DO NOT GROUND THE 24V TRANSFORMER THAT IS TO BE USED WITH THE POWER/COMM. BOARDS. GROUNDING OF THE TRANSFORMER WILL DAMAGE THE POWER/COMM. BOARD AND ALL BOARDS CONNECTED TO IT. NO EXCEPTIONS. DO NOT CONNECT ANY OTHER DEVICES TO THE TRANSFORMER FOR THE POWER/COMM. BOARD.
- TOTAL LENGTH OF ALL MODULAR CABLES USED ON EACH BRANCH (A TO B) CANNOT EXCEED 240 FT.

2
E2.1

VAV DAMPER WIRING DETAIL (LIQUOR COMM.)

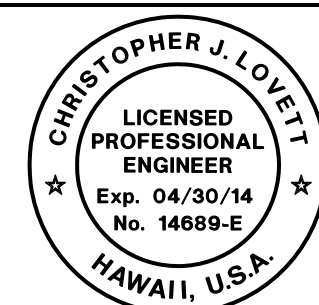
SCALE: NOT TO SCALE

PANEL: LC				VOLTAGE: 208 / 120				3Ø 4W				CIRCUIT CODE: blank or				N: NON-CONTINUOUS											
DATE: 8/9/12 5:49 PM				BUS: 100A				MAINS: L.O.				LOCATION: LIQUOR CONTROL OFFICE				L: LONG-CONTINUOUS											
JOB: 4043-11-007				A/C RATING: 10,000				MOUNTING: FLUSH				K: KITCHEN				R: DEMANDABLE RECEPTACLES											
																NO. OF EQUIPMENT: 0											
Ckt No	CODE	TRIP	POLE	LOAD DESIGNATION				C O N N E C T E D V A												LOAD DESIGNATION				TRIP	POLE	CODE	EXT No
				DESCRIPTION	(NOTE)	M	R	L	ØA	ØB	ØC	A	B	C	ØA	ØB	ØC	L	R	M	(NOTE)	DESCRIPTION					
1	R	20	1	RECEPTACLES CONF. TABLE		4			720									7				RECEPTACLES	20	1	R	2	
3	R	20	1	RECEPTACLES CONF. TABLE		6				1080								5				RECEPTACLES	20	1	R	4	
5	R	20	1	REFRIGERATOR		1					180							5				RECEPTACLES	20	1	R	6	
7	R	20	1	RECEPTACLES		8			1440									5				RECEPTACLES	20	1	R	8	
9	R	20	1	RECEPTACLES		8				1440								2				U.C. LIGHTING	20	1	L	10	
11	R	20	1	RECEPTACLES		8					1440							--				SPARE	20	1	L	12	
13	R	20	1	MOTORIZED SCREEN		1			180									5				OFFICE RECEPTACLES	20	1	R	14	
15	R	20	1	PROJECTOR		1				300								6				COPY AREA	20	1	R	16	
17	R	20	1	AHU-2		1					1320							7				OFFICE #7	20	1	R	18	
19	R	20	1	---					1320									4				OPEN OFFICE	20	1	R	20	
21	R	20	1	---						1320								26				OFFICE 1,2,3,4,5,6,7 LIGHTS	20	1	L	22	
23	R	20	1	TRANSFORMER T-1 - VAV'S		1					60							1180	35			CONFERENCE ROOM/LOBBY	20	1	L	24	
25	R	20	1	FC-21		1			70									6				OPEN OFFICE	20	1	R	26	
27	R	20	1	---					70									5				FRONT COUNTER	20	1	R	28	
29	L	20	1	OPEN OFFICE & RECEPT LTS				22			1590							1260	7			RECEPTACLES	20	1	R	30	
31	R	20	1	A/V RECEPTACLES		1			180									4				CONFERENCE ROOM	20	1	R	32	
33	R	20	1	A/V RECEPTACLES		1				180								360	2			RECEPTION DESK	20	1	R	34	
35	R	20	1	A/V RECEPTACLES		1					180							1440	8			RECEPTACLES	20	1	R	36	
37	R	20	1	TV		4			400									4				OPEN OFFICE	20	1	R	38	
39	R	30	1	HOT WATER HEATER		1				1500								1500	1			HOT WATER HEATER	30	1	R	40	
41	R	20	1	---							1500							1500				---	2	1	R	42	
PANEL NOTES:				PHASE TOTALS				ØA: 10610				ØB: 12085				ØC: 13810				TOTAL CONNECTED VA				36505			
1. REPLACE EXISTING 60A MAIN BREAKER IN PANEL 202 IN EXISTING MECHANICAL ROOM WITH NEW 100A/3P BREAKER TO PROTECT NEW PANEL 'LC'.																				CONNECTED VA (CODE N)				11760			
																				CONNECTED VA (CODE L)				4225			
																				CONNECTED VA (CODE R)				20520			
																				CONNECTED VA (CODE K)				0			
																				PANEL CONNECTED KVA				36.5			
																				PANEL DEMAND KVA				32.3			
																				PANEL DEMAND AMPS				89.7			
																				HIGH Ø AMPS w/ DEMAND				108.4			

3
E2.1

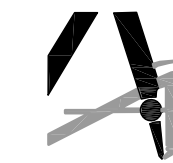
NEW PANEL "LC"

NOT TO SCALE



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SIGNATURE



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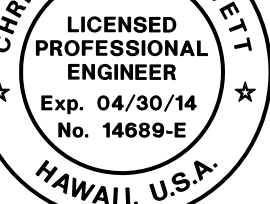
Professional Services
455 LUNAWALA STREET
HILO, HAWAII, 96720
PHONE: (808) 933-7900
EMAIL: contact@epihawaii.com

2	8/09/12	ADDENDUM NO.2: REVISED ENTIRE SHEET			
REVISION:	DATE:	DESCRIPTION:	MADE BY:	APPROVED:	
COUNTY OF HAWAII DEPT. OF PUBLIC WORKS - BUILDING DIVISION					
CORPORATION COUNSEL / LIQUOR CONTROL OFFICE HAZARDOUS MATERIAL MITIGATION AND IMPROVEMENTS PHASE II, RESTORATION JOB NO. B-4087A HILO LAGOON CENTER 101 Aupuni Street, Unit 230 & Suite 325 T.M.K.: 2-2-014: 010 HILO, HAWAII					
POWER FLOOR PLAN - NEW WORK					
REVIEWED BY:				DESIGNED BY: CIL	
				DRAWN BY: CIL	
				CHECKED BY: CIL	
				DATE: MAY '12	
BUILDING DIVISION CHIEF DEPT. OF PUBLIC WORKS COUNTY OF HAWAII				SHEET NO: E2.1	
				SHT. OF SHTS	



SHEET NOTES:


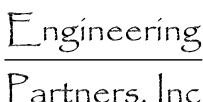
- 1 PROVIDE (1) 3/4" C. WITH 6-#12 + 3-#13 GROUND.
PROVIDE SEPARATE NEUTRAL AND GROUND CONDUCTORS
FOR EACH DEVICE.
- 2 LOCATE RECEPTACLE AND TELE/DATA OUTLET ABOVE AND
BELOW COUNTER PER ARCHITECTURAL PLANS. ROUTE CONDUIT
AND WIRE FOR EACH DEVICE IN CABINETY.
- 3 PROVIDE WIREMOLD #30TP-2V OR EQUIVALENT POWER POLE
FOR CONNECTION TO POWER AND DATA DEVICES AS SHOWN.
VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
PROVIDE CEILING TRIM AND COMPLETE SYSTEM FOR INSTALLATION.
- 4 PROVIDE HOMERUN TO EXISTING SILENT KNIGHT
FIRE ALARM SYSTEM IN BASEMENT MAIN ELECTRICAL
ROOM APPROXIMATELY 300' FROM PROJECT AREA.
VERIFY EXACT DISTANCE AND LOCATION IN FIELD
PRIOR TO ROUGH-IN.

	2	8/09/12	ADDENDUM NO.2: REVISED ENTIRE SHEET		
	1	7/20/12	ADDENDUM #1 - DCAB COMMENTS	CJL	
	REVISION:	DATE:	DESCRIPTION:	MADE BY:	APPROVED:

COUNTY OF HAWAII

DEPT. OF PUBLIC WORKS – BUILDING DIVISION


CORPORATION COUNSEL / LIQUOR CONTROL OFFICE
HAZARDOUS MATERIAL MITIGATION AND IMPROVEMENTS
PHASE II, RESTORATION
JOB NO. B-4087A
HILO LAGOON CENTER
101 Aupuni Street, Unit 230 & Suite 325
T.M.K.: 2-2-014: 010
HILO, HAWAII

<p style="text-align: center; margin: 0;">SIGNATURE</p> <div style="text-align: center; margin: 10px 0;">  </div> <p style="text-align: center; margin: 0;">  </p> <p style="text-align: center; margin: 0; font-size: small;"> <i>Progressive Solutions</i> 455 ELIAKALLA STREET HILLO, HAWAII, 96720 PHONE: (808) 933-7900 FAX: 1 - 808-933-8261 </p>	<p style="text-align: center; margin: 0; font-size: large;">POWER PLAN – NEW WORK</p>
---	---


<p style="margin: 0;">REVIEWED BY:</p> <div style="border: 1px solid black; height: 40px; margin-top: 5px;"></div> <p style="text-align: right; margin: 0; font-size: small;">DATE</p>	<p style="margin: 0; font-size: small;">DESIGNED BY: CJL</p> <p style="margin: 0; font-size: small;">DRAWN BY: CJL</p> <p style="margin: 0; font-size: small;">CHECKED BY: CJL</p> <p style="margin: 0; font-size: small;">DATE: MAY 12</p>
--	---

<p style="margin: 0; font-size: small;">BUILDING DIVISION CHIEF DEPT. OF PUBLIC WORKS COUNTY OF HAWAII</p>	<p style="text-align: center; margin: 0; font-size: small;">SHEET NO:</p> <p style="text-align: center; margin: 0; font-size: large;">E.2.2</p> <p style="text-align: center; margin: 0; font-size: small;">SHT _____ OF _____ SHTS</p>
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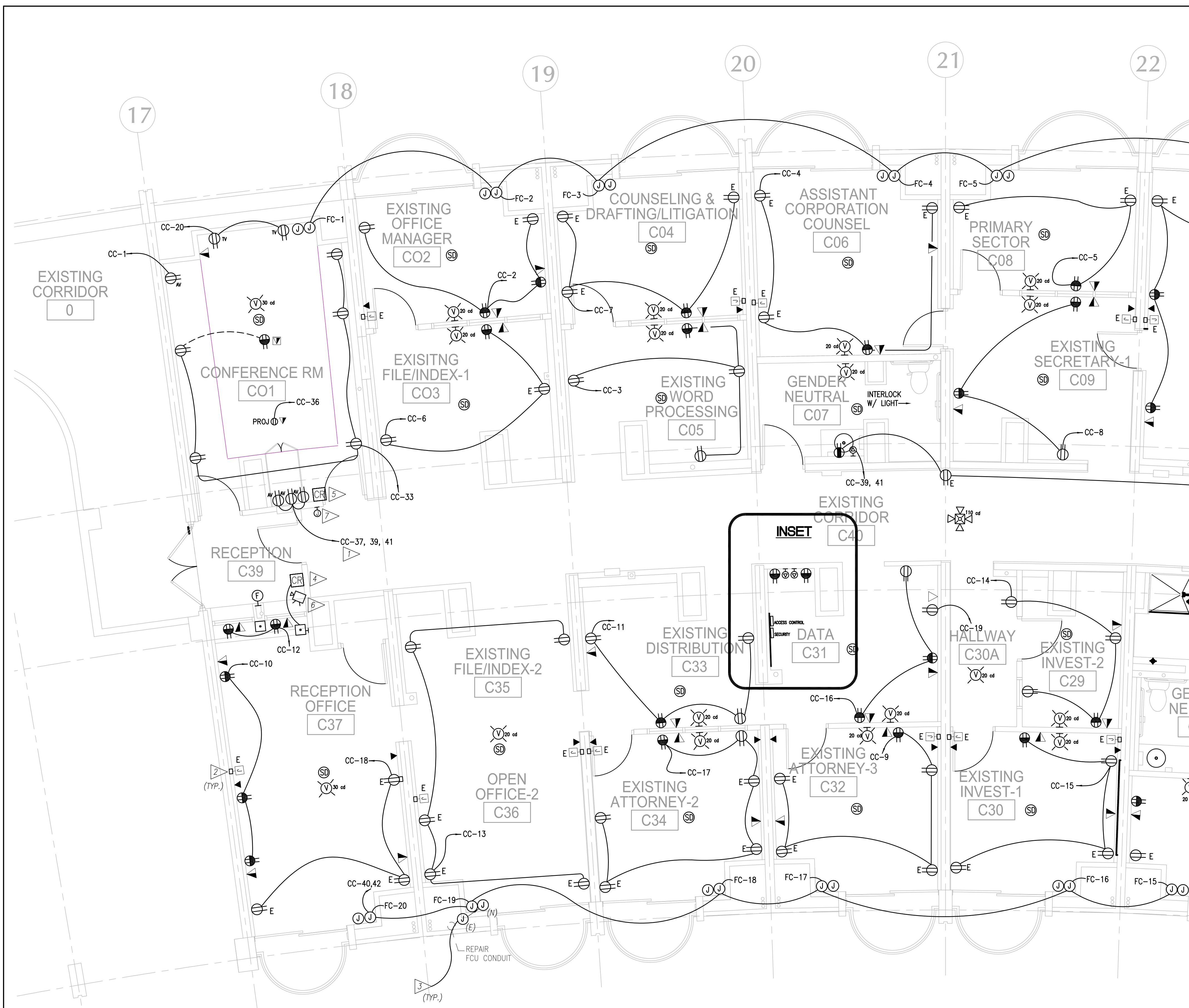


	2	8/09/12	ADDENDUM NO.2: REVISED ENTIRE SHEET		
	1	7/20/12	ADDENDUM #1 - DCAB COMMENTS	C.J.L	
	REVISION:	DATE:	DESCRIPTION:	MADE BY:	APPROVED:
	COUNTY OF HAWAII DEPT. OF PUBLIC WORKS - BUILDING DIVISION				
CORPORATION COUNSEL / LIQUOR CONTROL OFFICE HAZARDOUS MATERIAL MITIGATION AND IMPROVEMENTS PHASE II, RESTORATION JOB NO. B-4087A HILO LAGOON CENTER 101 Aupuni Street, Unit 230 & Suite 325 T.M.K.: 2-2-014; 010 HILO, HAWAII					
LIGHTING FLOOR PLAN NEW WORK					
REVIEWED BY: _____ BUILDING DIVISION CHIEF DEPT. OF PUBLIC WORKS COUNTY OF HAWAII				DESIGNED BY: <u>CJL</u> DRAWN BY: _____ CHECKED BY: _____ DATE: _____ MAY '12	
				SHEET NO: E2.3	
				SHT _____ OF _____ SHTS	

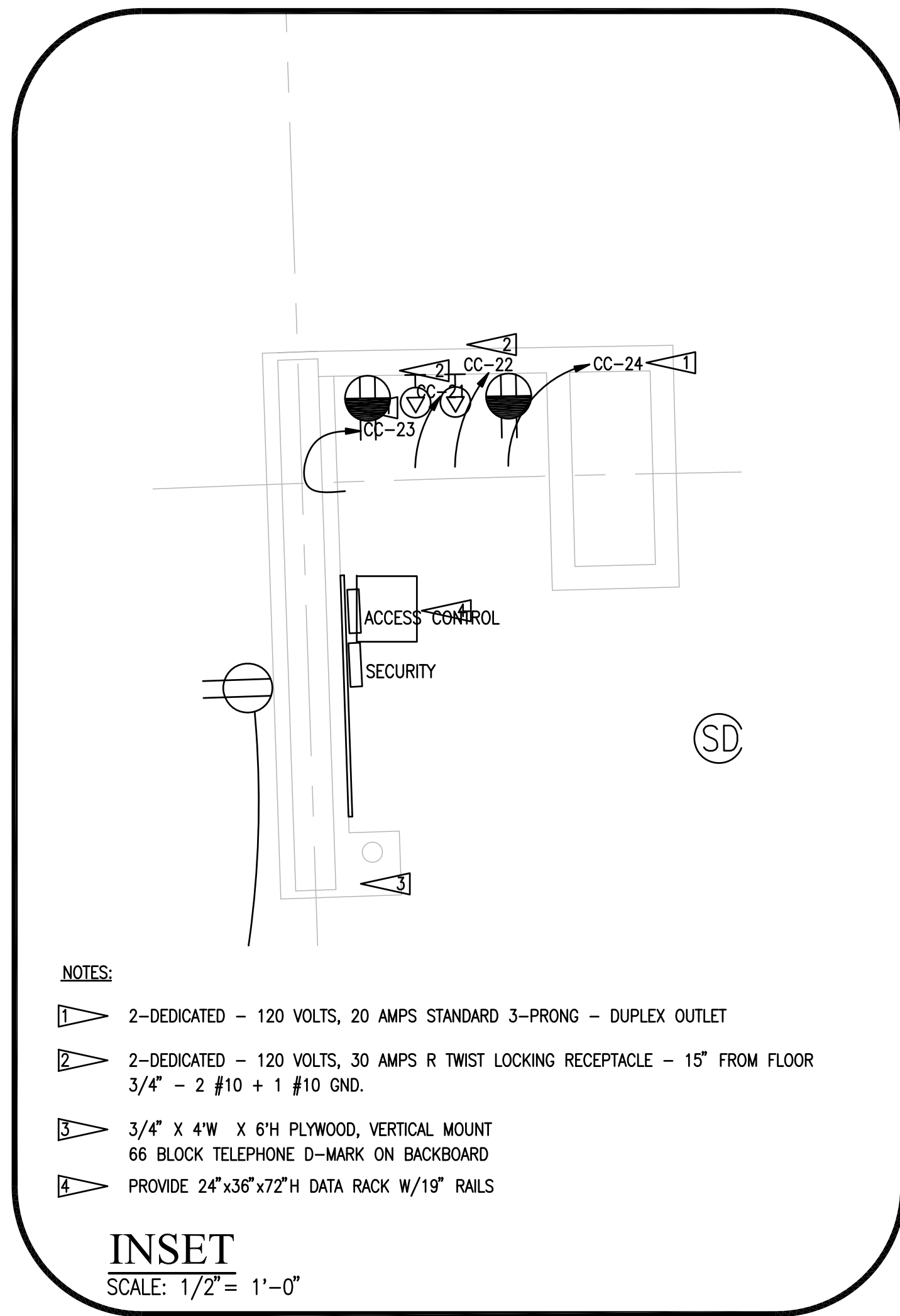
SIGNATURE



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Progressive Solutions
 405 LANIKULA STREET
 HILO, HAWAII, 96720
 PHONE: (808) 935-7900
 EMAIL: contact@epi-hawaii.com



1
E3.5
PARTIAL POWER FLOOR PLAN - NEW WORK
SCALE: 1/4" = 1'-0"



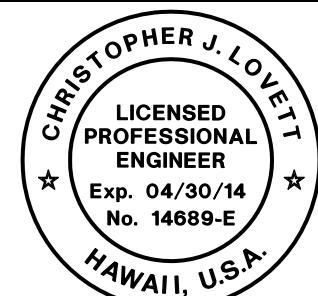
NOTES:

- 2-DEDICATED - 120 VOLTS, 20 AMPS STANDARD 3-PRONG - DUPLEX OUTLET
- 2-DEDICATED - 120 VOLTS, 30 AMPS R TWIST LOCKING RECEPTACLE - 15" FROM FLOOR
3/4" - 2 #10 + 1 #10 GND.
- 3/4" X 4"W X 6"H PLYWOOD, VERTICAL MOUNT
66 BLOCK TELEPHONE D-MARK ON BACKBOARD
- PROVIDE 24"x36"x72"H DATA RACK W/19" RAILS

INSET
SCALE: 1/2" = 1'-0"

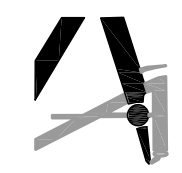
SHEET NOTES:

- PROVIDE 2-#12 + 1-#12 GROUND AT EACH OUTLET.
DO NOT USE COMMON GROUND OR NEUTRAL.
- EXTEND EXISTING PHONE AND TV BOX SO
SO IT CAN MOUNT FLUSH ON THE NEW WALL.
REPLACE EXISTING COVER PLATE WITH NEW BLANK COVER PLATE
TO MATCH NEW COVER PLATE.
- MOVE JUNCTION BOX TO NEW LOCATION SHOWN ON DRAWING.
JUNCTION BOX TO BE RECESSED IN WALL.
TYPICAL FOR ALL A.C. JUNCTION BOXES.
- PROVIDE HONEYWELL #NX1MPS ACCESS CONTROL
SYSTEM. PROVIDE CONTROL POINT AT RECEPTION.
MOUNT CONTROL BOARD IN IT AREA. SEE INSET
FOR APPROXIMATE LOCATION.
- PROVIDE HONEYWELL #NXD1 ACCESS CONTROL
CARD READER.
- PROVIDE HONEYWELL #HD40 SECURITY CAMERA
WITH #HREP4D500 RECORDER. MOUNT RECORDER
IN IT AREA. SEE INSET FOR APPROXIMATE LOCATION.
- PROVIDE HOMERUN TO EXISTING SILENT KNIGHT
FIRE ALARM SYSTEM IN BASEMENT MAIN ELECTRICAL
ROOM APPROXIMATELY 300' FROM PROJECT AREA.
VERIFY EXACT DISTANCE AND LOCATION IN FIELD
PRIOR TO ROUGH-IN.



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
CONSTRUCTION OF THIS PROJECT
WILL BE UNDER MY OBSERVATION.

SIGNATURE

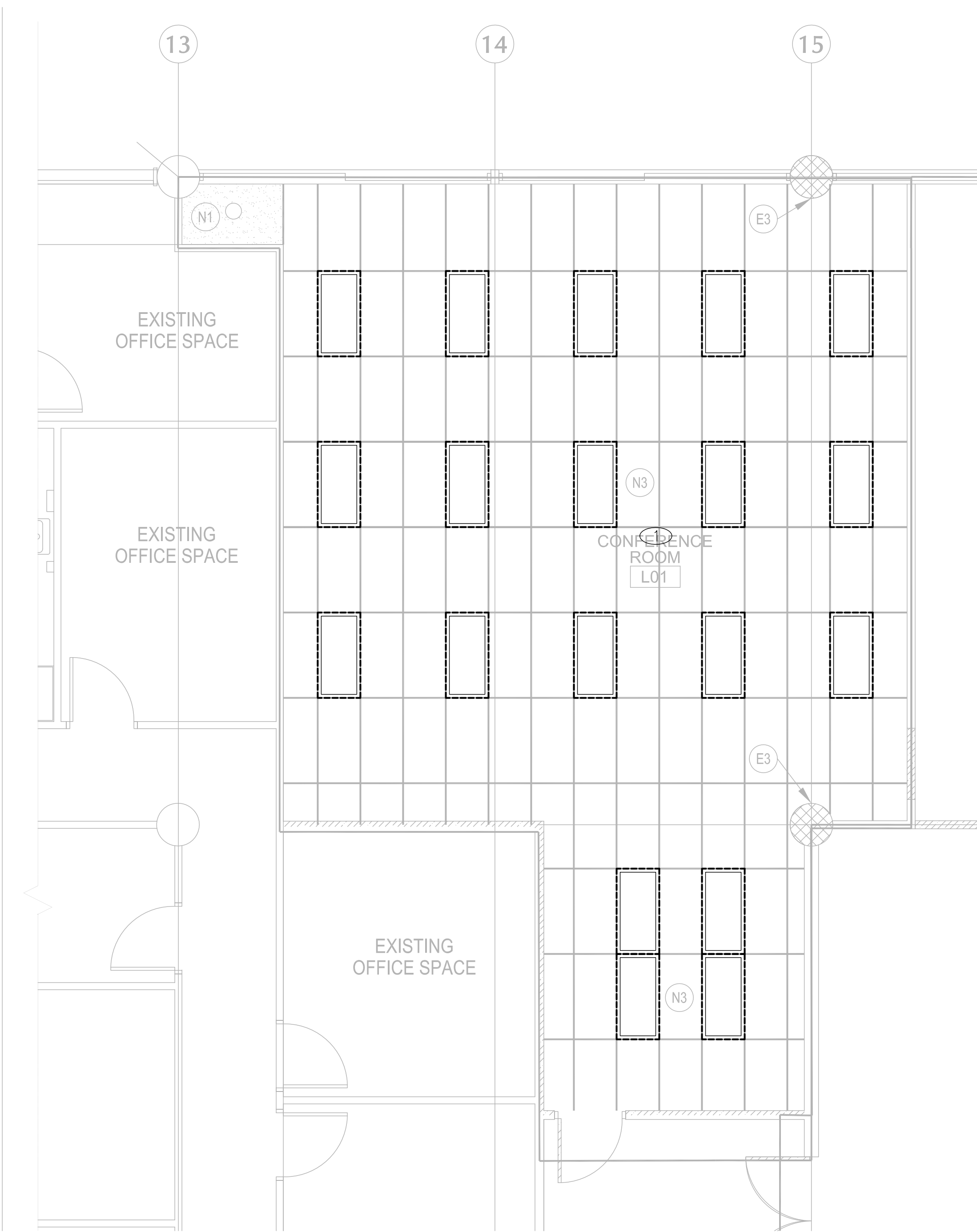


Engineering
Partners, Inc.
Engineering Solutions
455 LUNAWALA STREET
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EMAIL: contact@epihawaii.com

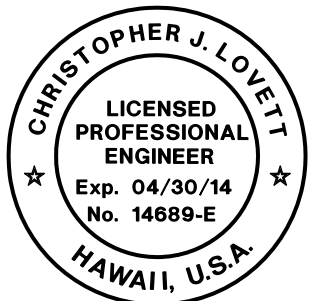
2	8/09/12	ADDENDUM NO.2: REVISED ENTIRE SHEET			
REVISION:	DATE:	DESCRIPTION:	MADE BY:	APPROVED:	
COUNTY OF HAWAII DEPT. OF PUBLIC WORKS - BUILDING DIVISION					
CORPORATION COUNSEL / LIQUOR CONTROL OFFICE HAZARDOUS MATERIAL MITIGATION AND IMPROVEMENTS PHASE II, RESTORATION JOB NO. B-4087A HILO LAGOON CENTER 101 Aupuni Street, Unit 230 & Suite 325 T.M.K.: 2-2-014; 010 HILO, HAWAII					
PARTIAL POWER FLOOR PLAN - NEW WORK					
REVIEWED BY:			DESIGNED BY: CIL		
			DRAWN BY: CIL		
			CHECKED BY: CIL		
			DATE: MAY '12		
BUILDING DIVISION CHIEF DEPT. OF PUBLIC WORKS COUNTY OF HAWAII			SHEET NO: E3.5		
			SHT. OF SHTS		

NOTES

- ① DEMO ALL EXISTING LIGHTING, POWER, TELE/DATA, ETC. DEVICES IN THIS AREA. RETURN LIGHTING FIXTURES TO OWNER FOR REUSE.



ADDITIVE ALTERNATE #3: EXISTING LIQUOR CONTROL DEPT ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE

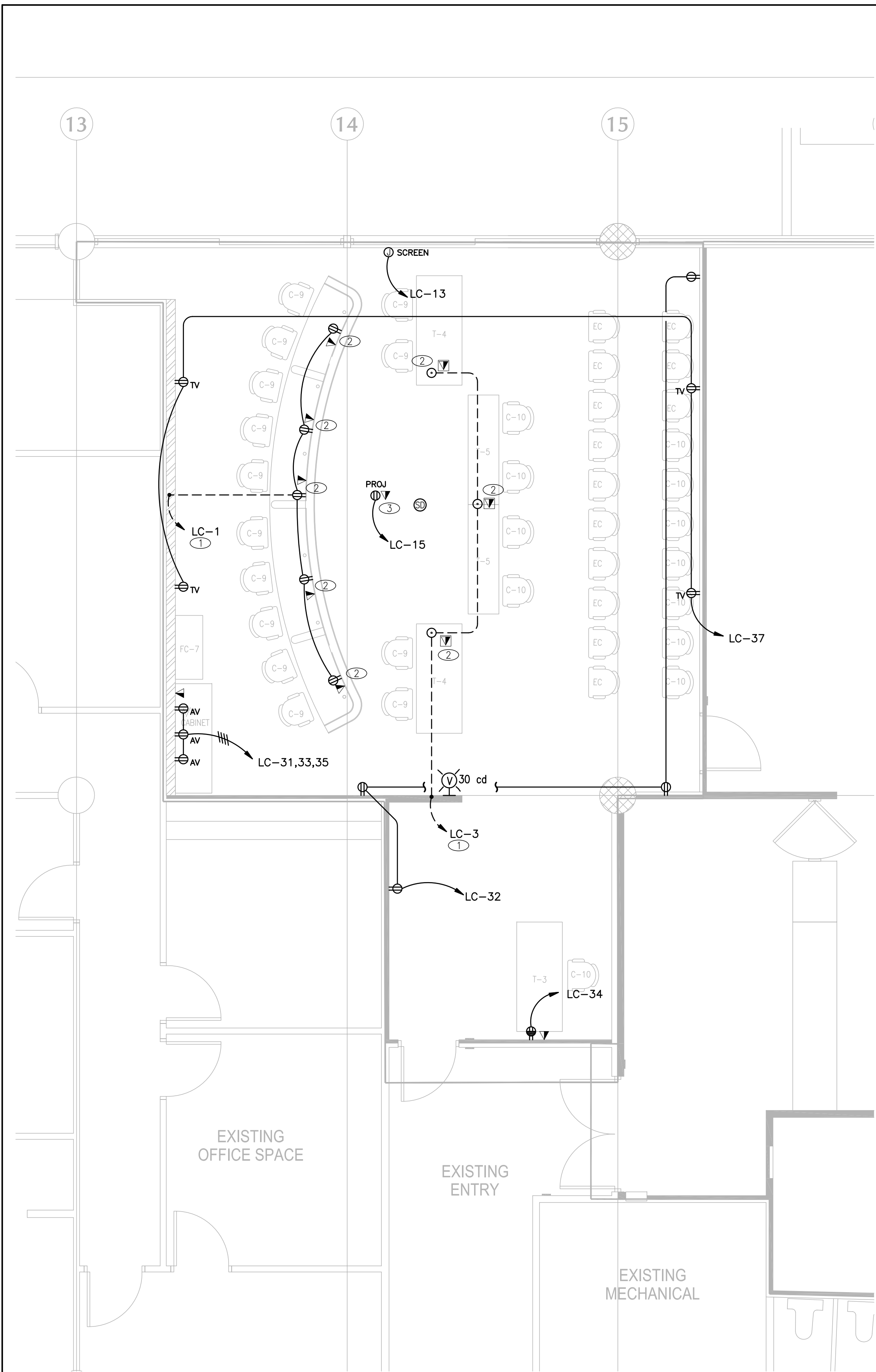


Engineering Partners, Inc.
Fingertown Solutions
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EMAIL: contact@epihawaii.com

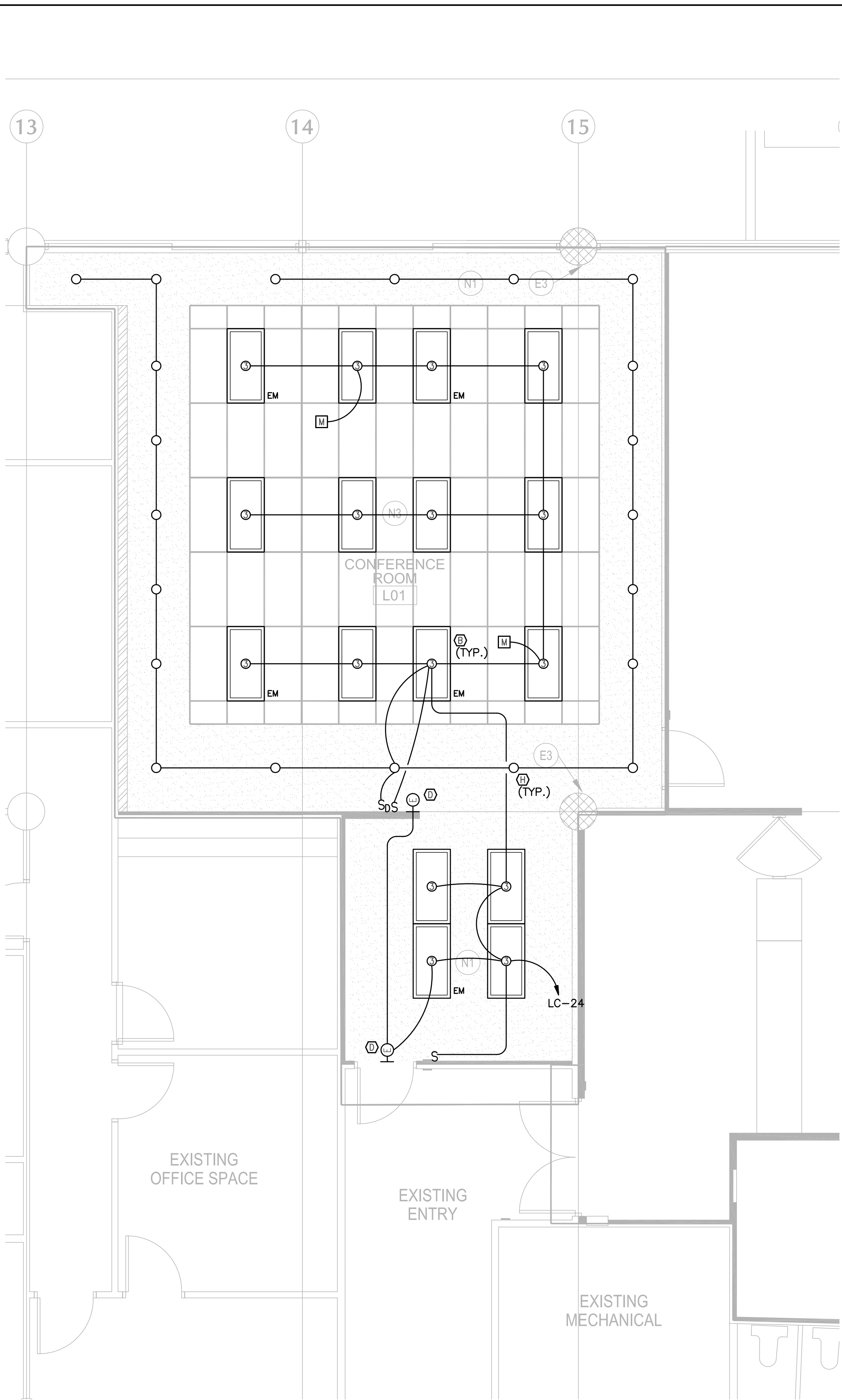
2	8/09/12	ADDENDUM NO.2: NEW SHEET		
REVISION:	DATE:	DESCRIPTION:	MADE BY:	APPROVED:
COUNTY OF HAWAII DEPT. OF PUBLIC WORKS - BUILDING DIVISION CORPORATION COUNSEL / LIQUOR CONTROL OFFICE HAZARDOUS MATERIAL MITIGATION AND IMPROVEMENTS PHASE II, RESTORATION JOB NO. B-4087A HILO LAGOON CENTER 101 Aupuni Street, Unit 230 & Suite 325 T.M.K.: 2-2-014: 010 HILO, HAWAII				
ADDITIVE ALT 3/ EXISTING LIQUOR CONTROL DEPARTMENT ELECTRICAL DEMOLITION PLAN				
REVIEWED BY:			DESIGNED BY: AM	
			DRAWN BY: MS	
			CHECKED BY: AM	
			DATE: AUG, '12	
			SHEET NO: E2.15.1	
			SHT. OF SHTS	

NOTES

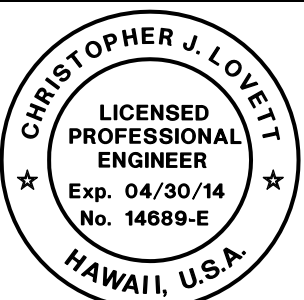
- ① ROUTE CABLING FOR FLOOR BOXES UTILIZING TYPE "MC" CABLE FROM J-BOX IN CEILING THRU RAISED FLOOR SYSTEM. HOMERUN J-BOX TO PANEL CIRCUITS AS SHOWN.
- ② DEVICES MOUNT IN AV TABLE AND FLOOR BOX. REFER TO AV DRAWINGS FOR ADDITIONAL DETAILS.
- ③ PROVIDE CEILING MOUNTED RECEPTACLE AND DATA OUTLET FOR FUTURE PROJECTOR. VERIFY ALL REQUIREMENTS WITH OWNER FURNISHED EQUIPMENT PRIOR TO ROUGH-IN.



ADDITIVE ALTERNATE #3: EXISTING LIQUOR CONTROL DEPT ELECTRICAL POWER PLAN
SCALE: 3/16" = 1'-0"



ADDITIVE ALTERNATE #3: EXISTING LIQUOR CONTROL DEPT ELECTRICAL LIGHTING PLAN
SCALE: 3/16" = 1'-0"



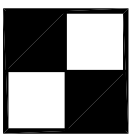
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

Christopher J. Lohet
SIGNATURE

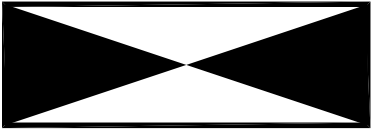
Engineering Partners, Inc.
Fragrance Solutions
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PHONE: (808) 933-7900
EMAIL: contact@epihawaii.com

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COUNTY OF HAWAII DEPT. OF PUBLIC WORKS - BUILDING DIVISION					
CORPORATION COUNSEL / LIQUOR CONTROL OFFICE HAZARDOUS MATERIAL MITIGATION AND IMPROVEMENTS PHASE II, RESTORATION JOB NO. B-4087A HILO LAGOON CENTER 101 Aupuni Street, Unit 230 & Suite 325 T.M.K.: 2-2-014: 010 HILO, HAWAII					
ADDITIVE ALT 3/ EXISTING LIQUOR CONTROL DEPARTMENT ELECTRICAL POWER & LIGHTING PLAN					
REVIEWED BY:			DESIGNED BY: AM		
			DRAWN BY: MS		
			CHECKED BY: AM		
			DATE: AUG, '12		
BUILDING DIVISION CHIEF DEPT. OF PUBLIC WORKS COUNTY OF HAWAII			SHEET NO: E2.15.2		
			SHT. OF SHTS		

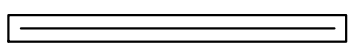
AV SYSTEM LEGEND



CORPORATION COUNSEL AV EQUIPMENT RACK. ELECTRICAL TO PROVIDE (3) 20A, 120VAC DEDICATED CIRCUITS, SINGLE PHASE WITH INDEPENDENT GROUNDS TO EACH RACK. TERMINATE CIRCUITS INTO ISOLATED GROUND DUPLEX OUTLETS INSIDE EQUIPMENT RACK. IT CONTRACTOR TO PROVIDE MINIMUM (1) DATA/LAN PORT IN RACK.



LIQUOR CONTROL CREDENZA STYLE EQUIPMENT RACK. ELECTRICAL TO PROVIDE (3) 20A, 120VAC DEDICATED CIRCUITS, SINGLE PHASE WITH INDEPENDANT GROUNDS. TERMINATE CIRCUITS INTO ISOLATED GROUND, DUPLEX OUTLETS IN WALL BEHIND RACK. IT CONTRACTOR TO PROVIDE MIN (2) DATA/LAN PORTS.



MOTORIZED PROJECTION SCREEN, FLUSH MOUNT IN CEILING. ELECTRICAL TO PROVIDE 120VAC POWER TO PROJECTION SCREEN MOTOR.



VIDEO PROJECTOR, SURFACE MOUNT J-BOX AT UNDERSIDE OF STRUCTURE ABOVE VIDEO PROJECTOR, 2-GANG RACO #691 OR EQUAL. ELECTRICAL TO PROVIDE DUPLEX OUTLET NEXT TO J-BOX. IT CONTRACTOR TO INSTALL DATA PORT NEXT TO J-BOX.



55" LCD MONITOR. ELECTRICAL CONTRACTOR TO INSTALL RECESSED BACK BOX PROVIDED BY AV CONTRACTOR. COORDINATE EXACT BACK BOX LOCATION WITH AV CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE DUPLEX NEXT TO RECESSED BACK BOX.



80" LCD MONITOR. ELECTRICAL CONTRACTOR TO INSTALL (2) RECESSED BACK BOXES PROVIDED BY AV CONTRACTOR. COORDINATE EXACT BACK BOX LOCATION WITH AV CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE DUPLEX NEXT TO RECESSED BACK BOX. REFER TO LCD MOUNTING DETAIL ON DRAWING AV 4.3 FOR MORE INFORMATION.



AV JUNCTION BOX, 3-GANG J-BOX, RACO #692 OR EQUAL. FLUSH MOUNT IN WALL 16" AFF, COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO INSTALLATION. ELECTRICAL TO PROVIDE 120VAC DUPLEX OUTLET NEXT TO J-BOX. IT CONTRACTOR TO INSTALL DATA PORT NEXT TO J-BOX.



COUNSEL TABLE TOP CABLE BOX. COORDINATE EXACT LOCATION WITH ARCHITECT.



ALS ANTENNA, 1-GANG BOX. FLUSH 16" BELOW FINISHED CEILING.



AV CONTROL TOUCHPANEL WALL-MOUNTED DOCKING STATION. ELECTRICAL CONTRACTOR TO INSTALL BACKBOX PROVIDED BY AV CONTRACTOR. FLUSH MOUNT IN WALL 54" AFF.



CORPORATION COUNSEL FRONT WALL VIDEO CAMERA. 2-GANG J-BOX, RACO #691 OR EQUAL. FLUSH MOUNT J-BOX IN WALL BEHIND CAMERA. SURFACE MOUNT CAMERA DIRECTLY ABOVE LCD MONITORS AT THE FRONT WALL.



CORPORATION COUNSEL BACK WALL VIDEO CAMERA. ELECTRICAL CONTRACTOR TO INSTALL CUSTOM SEMI-RECESSED BACK BOX PROVIDED BY AV CONTRACTOR. MOUNT BOX 1" BELOW CEILING TO THE TOP OF BACK BOX.



LIQUOR CONTROL VIDEO CAMERA. ELECTRICAL CONTRACTOR TO INSTALL CUSTOM SEMI-RECESSED BACK BOX PROVIDED BY AV CONTRACTOR. MOUNT BOX 80" TO BOTTOM OF CAMERA.



CEILING-MOUNTED DOCUMENT CAMERA. MOUNT CAMERA IN ACT GRID CEILING. COORDINATE EXACT LOCATION WITH ARCHITECT AND FURNITURE INSTALLER. ELECTRICAL TO MOUNT 2-GANG J-BOX ON UNDERSIDE OF STRUCTURE ABOVE DOCUMENT CAMERA FOR ROUTING AV CONNECTIONS.

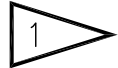


CORPORATION COUNSEL FLOOR-MOUNT RACEWAY BOX. ELECTRICAL TO PROVIDE POWER TO PRE-WIRED RACEWAY. IT CONTRACTOR TO PROVIDE DATA PORT.

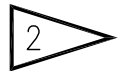


CEILING LOUDSPEAKER, FLUSH-MOUNT IN ACT GRID CEILING.

FLAG NOTES



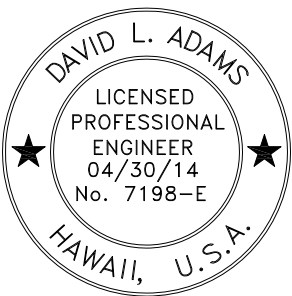
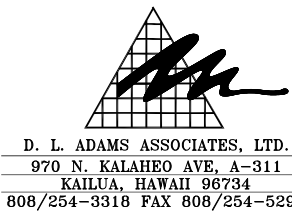

TO CORPORATION COUNSEL AV EQUIPMENT RACKS ()

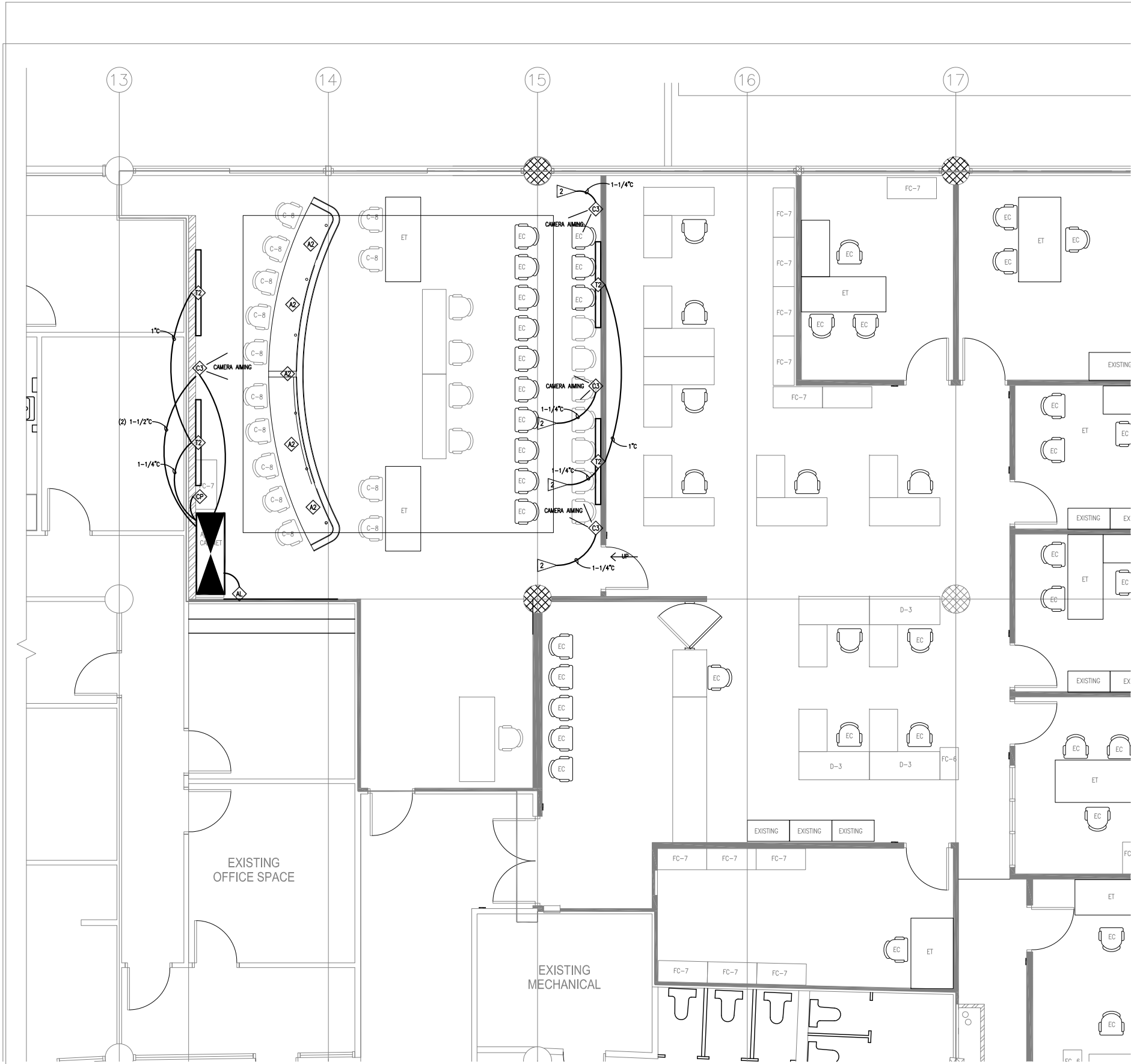


TO LIQUOR CONTROL AV EQUIPMENT RACK ()

GENERAL NOTES

- ALL CONDUIT IS 3/4" EMT UNLESS NOTED OTHERWISE.
- ALL CONDUIT SHALL BE METALLIC TYPE ONLY, NO PVC SHALL BE USED. CONDUIT IN SLAB MUST BE PVC COATED METALLIC TYPE OR APPROVED EQUIVALENT.
- LOCATIONS OF WALL-MOUNTED EQUIPMENT RACKS AND JUNCTION BOXES ARE TO CENTERLINE OF DEVICE UNLESS NOTED OTHERWISE. EQUIPMENT LOCATIONS SHALL BE COORDINATED WITH THE ELECTRICAL CONTRACTOR PRIOR TO INSTALLATION.
- ALL ELECTRICAL/JUNCTION BOXES PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR UNLESS NOTED OTHERWISE.
- LOUDSPEAKER LEVEL CABLE IS NOT TO BE BUNDLED WITH LINE/MICROPHONE LEVEL AUDIO CABLE, NETWORK CABLE, OR VIDEO CABLE.
- STANDARD VOLTAGE LINES SHALL NOT BE PARALLEL TO AV SYSTEMS CABLE WHEN WITHIN 4'.
- ELECTRICAL CONTRACTOR TO COORDINATE ALL NEW CONDUIT RUNS WITH AV CONTRACTOR SUCH THAT CONDUIT IS THE MOST DIRECT AS POSSIBLE AND NO SIGNAL PATH IS BEYOND THE OPERATING LIMITS FOR ANY SIGNAL. ALL COORDINATION TO BE DOCUMENTED, DATED, AND SIGNED OFF BY BOTH AV AND ELECTRICAL CONTRACTORS.
- CONDUIT BENDS SHALL NOT EXCEED 180° BETWEEN PULL BOXES.

 		8/09/12	ADDENDUM NO.2		
	REVISION:	DESCRIPTION:	MADE BY:	APPROVED:	
COUNTY OF HAWAII					
CORPORATION COUNSEL / LIQUOR CONTROL OFFICE HAZARDOUS MATERIAL MITIGATION AND IMPROVEMENTS PHASE II, RESTORATION JOB NO. B-4087A HILO LAGOON CENTER 430 & Suite 325 T.M.K.: 2-2-014: 010					
AV SYSTEM LEGEND					
REVIEWED BY:					
DEPT. OF PUBLIC WORKS					
SHEET NO: AV 1.1					



ADDITIVE ALTERNATE #3
EXISTING LIQUOR CONTROL DEPARTMENT / RESTORATION / PARTIAL AV FLOOR PLAN

1 SCALE: 1/4" = 1'-0"

0 1' 2' 4'
SCALE IN FEET

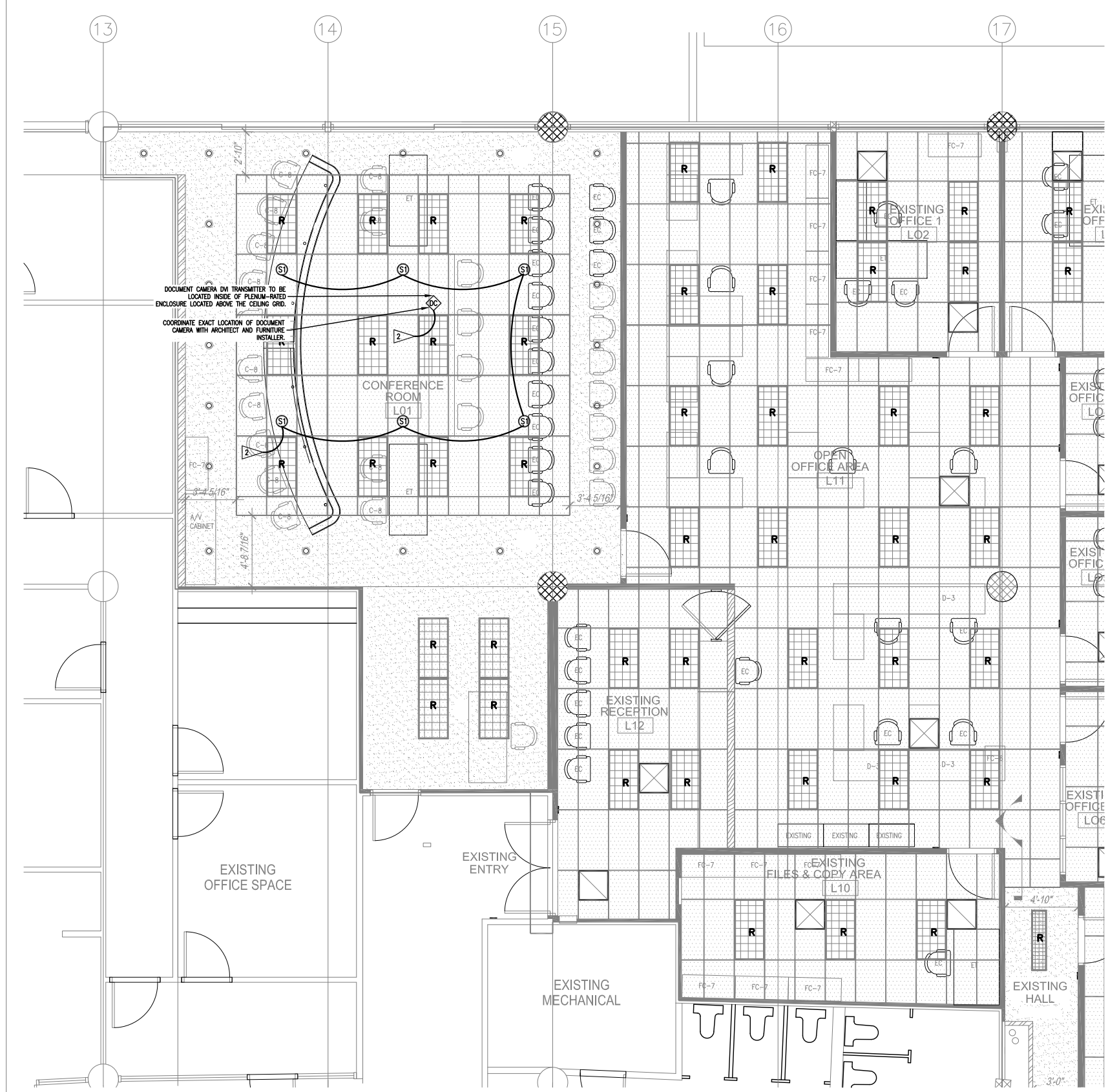
DAVID L. ADAMS
LICENSED
PROFESSIONAL
ENGINEER
04/30/14
No. 7198-E
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. OBSERVATION AS DETAILED IN CHAPTER 15-13 OF THE HAWAII ADMINISTRATIVE RULES, DEPT. OF COMMERCE AND CONSUMER AFFAIRS, ENTITLED PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS, AND LANDSCAPED ARCHITECTS.

JOB NO.: 11009.00

D. L. ADAMS ASSOCIATES, LTD.
970 N. KALANIO AVE., A-311
KAILUA, HAWAII 96734
808/254-3516 FAX 808/254-5295

2	8/09/12	ADDENDUM NO.2: REVISED ENTIRE SHEET		
REVISION:	DATE:	DESCRIPTION:	MADE BY:	APPROVED:
COUNTY OF HAWAII DEPT. OF PUBLIC WORKS - BUILDING DIVISION CORPORATION COUNSEL / LIQUOR CONTROL OFFICE HAZARDOUS MATERIAL MITIGATION AND IMPROVEMENTS PHASE II, RESTORATION JOB NO. B-4087A HILO LAGOON CENTER 101 Aupuni Street, Unit 230 & Suite 325 T.M.K.: 2-2-014: 010 HILO, HAWAII EXISTING LIQUOR CONTROL DEPARTMENT/RESTORATION PARTIAL AV FLOOR PLAN				
REVIEWED BY:			DESIGNED BY: TRB DRAWN BY: APD CHECKED BY: GLM DATE: AUG '12	
BUILDING DIVISION CHIEF DEPT. OF PUBLIC WORKS COUNTY OF HAWAII			DATE SHEET NO: AV 2.1 SHT OF SHTS	



ADDITIVE ALTERNATE #3
EXISTING LIQUOR CONTROL DEPARTMENT / RESTORATION / PARTIAL AV REFLECTED CEILING PLAN

1 SCALE: 1/4" = 1'-0"

0 1' 2' 4'
SCALE IN FEET

DAVID L. ADAMS

LICENSED PROFESSIONAL ENGINEER


04/30/14

NO. 7198-E

HAWAII, U.S.A.

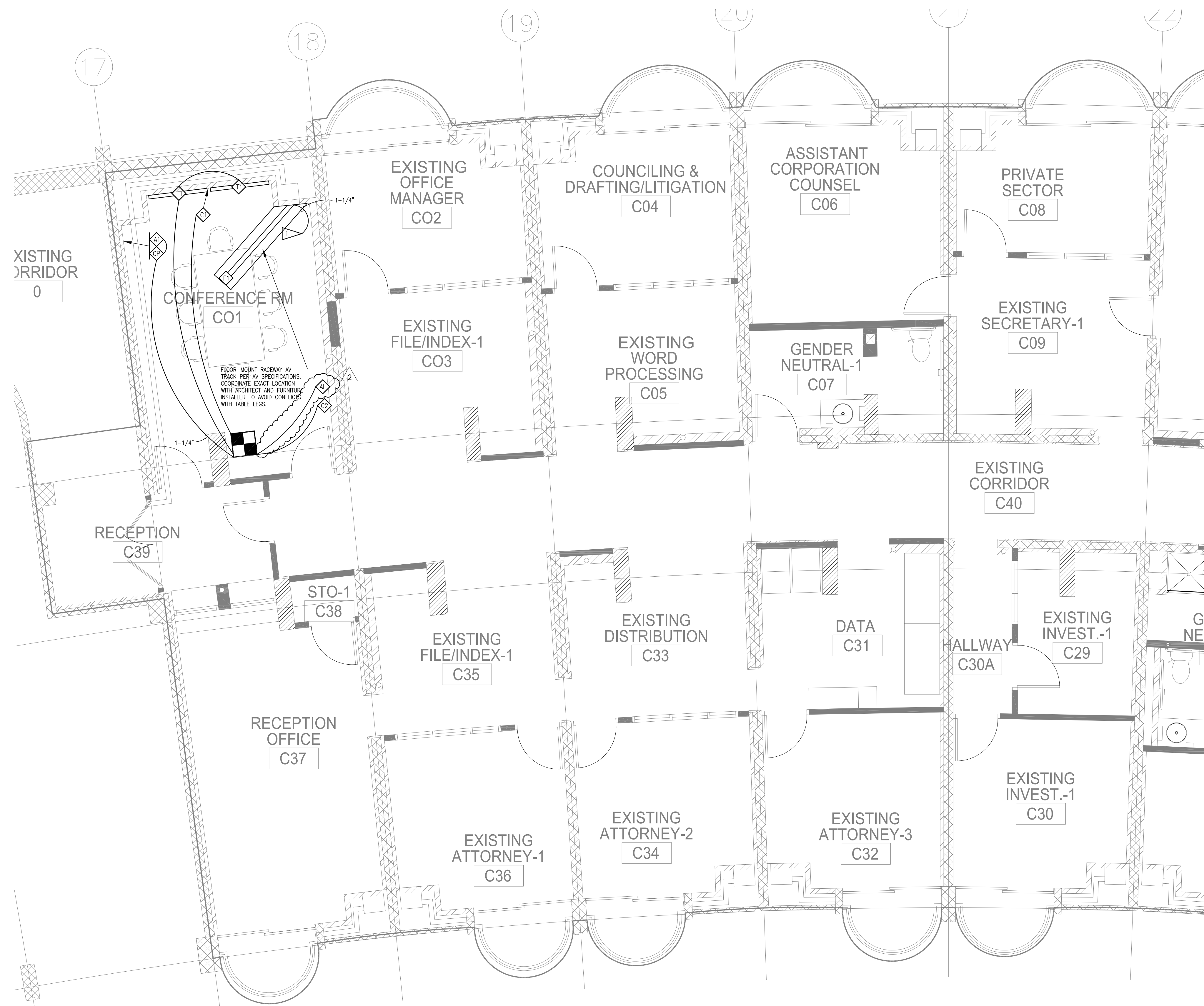
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. OBSERVATION AS DETAILED IN CHAPTER 15-13 OF THE HAWAII ADMINISTRATIVE RULES. DEPT. OF COMMERCE AND CONSUMER AFFAIRS. QUALIFIED PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS, AND LANDSCAPE ARCHITECTS.

JOB NO.: 11009.00

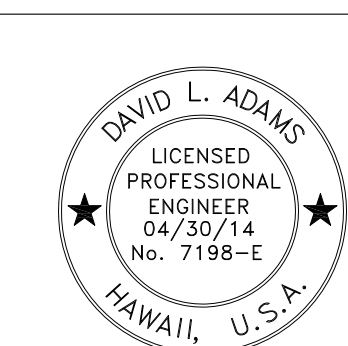
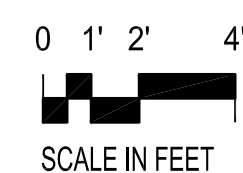


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808/254-3516 FAX 808/254-5295

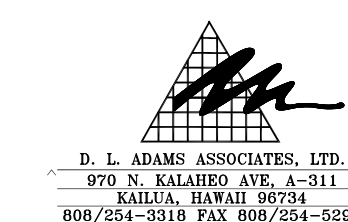
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EXISTING LIQUOR CONTROL DEPARTMENT/RESTORATION PARTIAL AV REFLECTED CEILING PLAN			DESIGNED BY: TRB DRAWN BY: APD CHECKED BY: GLM DATE: AUG '12	
REVIEWED BY:			SHEET NO: AV 2.2 SHT OF SHTS	
BUILDING DIVISION CHIEF DEPT. OF PUBLIC WORKS COUNTY OF HAWAII			DATE	



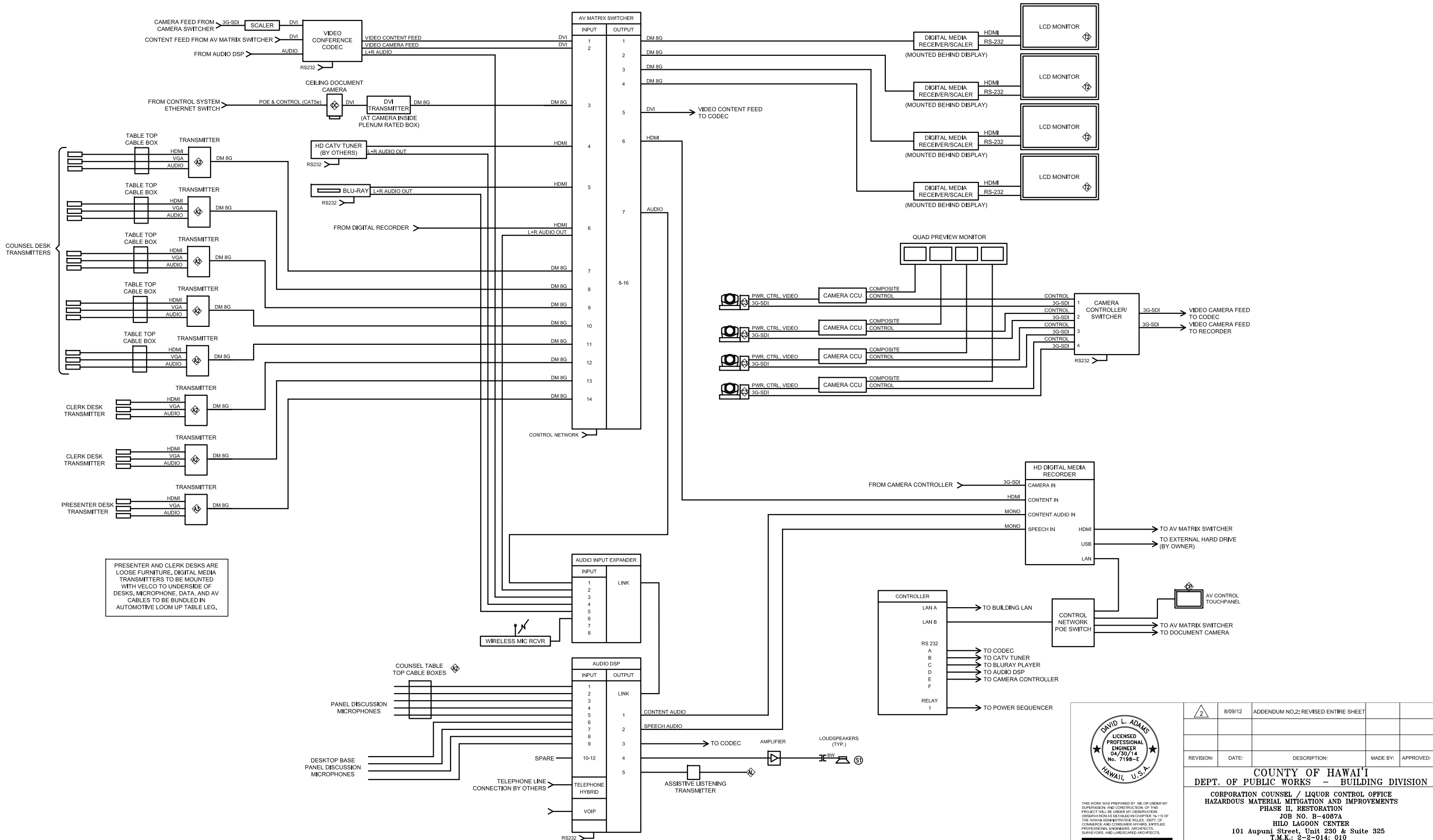
1 EXISTING CORPORATION COUNSEL / RESTORATION / PARTIAL AV FLOOR PLAN
SCALE: 1/4" = 1'-0"



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. OBSERVATION AS DETAILED IN CHAPTER 16-119 OF THE HAWAII ADMINISTRATIVE RULES, DEPT. OF COMMERCE AND CONSUMER AFFAIRS, ENTITLED PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS, AND LANDSCAPED ARCHITECTS.



2	8/09/12	ADDENDUM NO.2		
REVISION:	DATE:	DESCRIPTION:	MADE BY:	APPROVED:
COUNTY OF HAWAII DEPT. OF PUBLIC WORKS - BUILDING DIVISION CORPORATION COUNSEL / LIQUOR CONTROL OFFICE HAZARDOUS MATERIAL MITIGATION AND IMPROVEMENTS PHASE II, RESTORATION JOB NO. B-4087A HILO LAGOON CENTER 101 Aupuni Street, Unit 230 & Suite 325 T.M.K.: 2-2-014: 010 HILO, HAWAII				
EXISTING COPORATION COUNSEL/RESTORATION PARTIAL AV FLOOR PLAN				
REVIEWED BY:			DESIGNED BY: TRB	
			DRAWN BY: APD	
			CHECKED BY: GLM	
			DATE: AUG '12	
BUILDING DIVISION CHIEF DEPT. OF PUBLIC WORKS COUNTY OF HAWAII			DATE	
			SHEET NO:	
			AV 3.1	
			SHT. OF SHTS	



ADDITIVE ALTERNATE #3

LIQUOR CONTROL AV SYSTEM - AV ONE LINE DIAGRAM

SCALE: NOT TO SCALE

DAVID L. ADAMS

LICENSED PROFESSIONAL ENGINEER

04/30/14

No. 7198-E

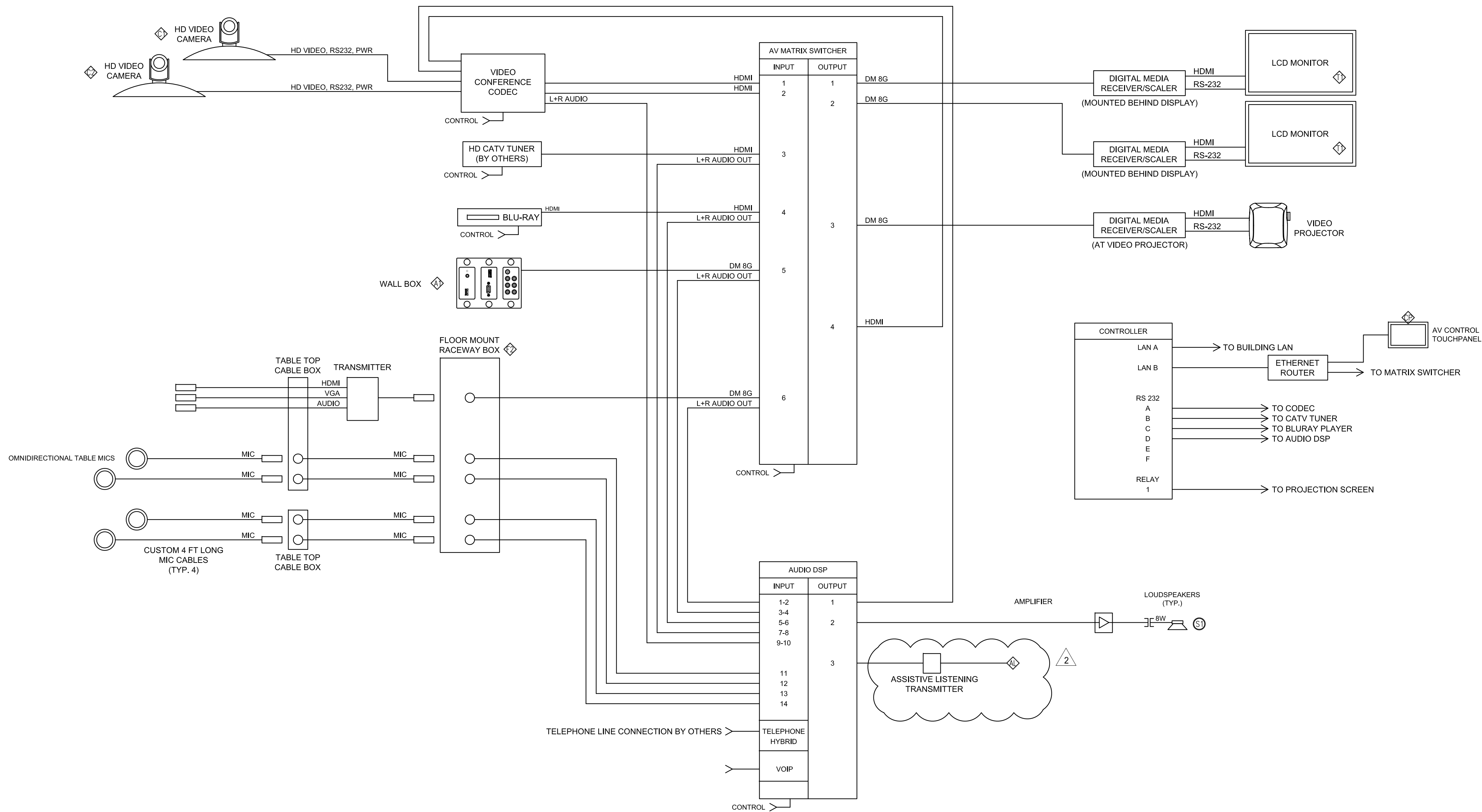
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. OBSERVATION AS DETAILED IN CHAPTER 15-13 OF THE HAWAII ADMINISTRATIVE RULES, DEPT. OF COMMERCE AND CONSUMER AFFAIRS, ENTITLED PROFESSIONAL ENGINEERS' ARCHITECTS, SURVEYORS, AND LANDSCAPED ARCHITECTS.

JOB NO.: 11009.00

P. L. ADAMS ASSOCIATES, LTD.
970 K. KALANIO AVE., A-311
KAILUA, HAWAII 96734
808/254-3516 FAX 808/254-5295

2	8/09/12	ADDENDUM NO.2: REVISED ENTIRE SHEET		
REVISION:	DATE:	DESCRIPTION:	MADE BY:	APPROVED:
COUNTY OF HAWAII DEPT. OF PUBLIC WORKS - BUILDING DIVISION CORPORATION COUNSEL / LIQUOR CONTROL AND IMPROVEMENTS HAZARDOUS MATERIAL MITIGATION AND IMPROVEMENTS PHASE II, RESTORATION JOB NO. B-4087A HILO LAGOON CENTER 101 Aupuni Street, Unit 230 & Suite 325 T.M.K.: 2-2-014: 010 HILO, HAWAII				
AV SYSTEM - LIQUOR CONTROL ONE LINE DIAGRAM				
REVIEWED BY:			DESIGNED BY: TRB	
			DRAWN BY: APD	
			CHECKED BY: GLM	
			DATE: AUG '12	
BUILDING DIVISION CHIEF DEPT. OF PUBLIC WORKS COUNTY OF HAWAII			DATE	
			SHEET NO:	
			AV 4.1	
			SHT OF SHTS	



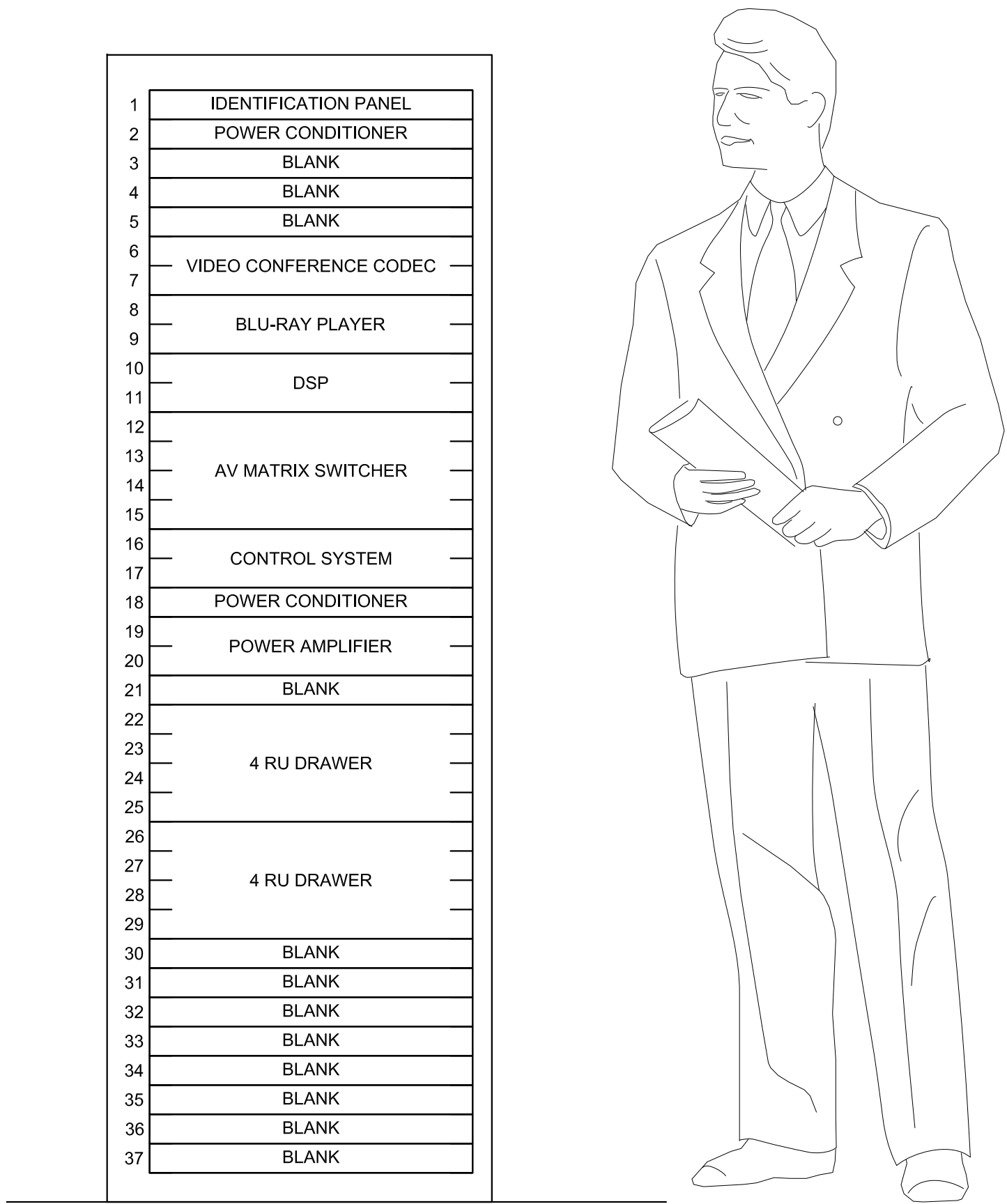
1 CORPORATION COUNSEL AV SYSTEM - AV ONE LINE DIAGRAM
SCALE: NOT TO SCALE

DAVID L. ADAMS
LICENSED PROFESSIONAL ENGINEER
04/30/14
No. 7198-E
HAWAII, U.S.A.

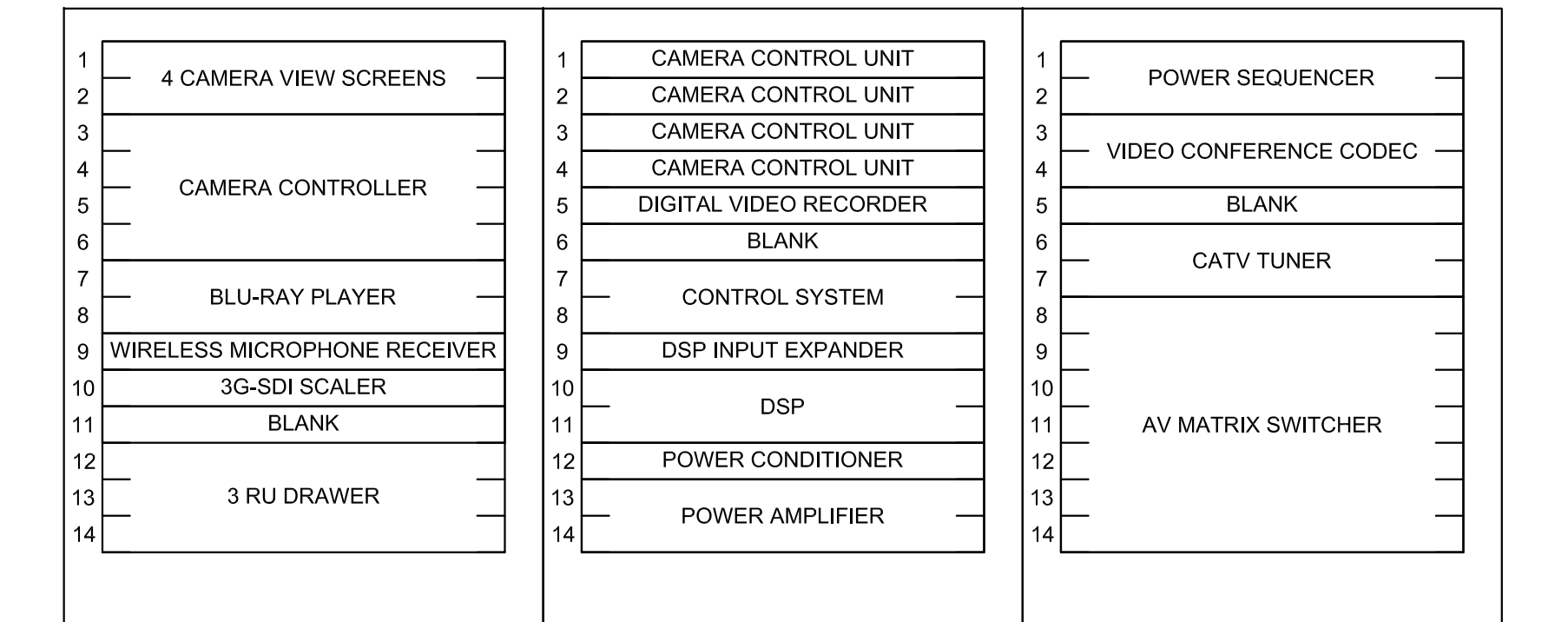
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION, OBSERVATION AS DETAILED IN CHAPTER 16-119 OF THE HAWAII ADMINISTRATIVE RULES, DEPT. OF COMMERCE AND CONSUMER AFFAIRS, ENTITLED PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS, AND LANDSCAPED ARCHITECTS.

D. L. ADAMS ASSOCIATES, LTD.
970 N. KALANOA AVE., A-311
KALEIA, HAWAII 96754
808/254-3310 FAX 808/254-5295

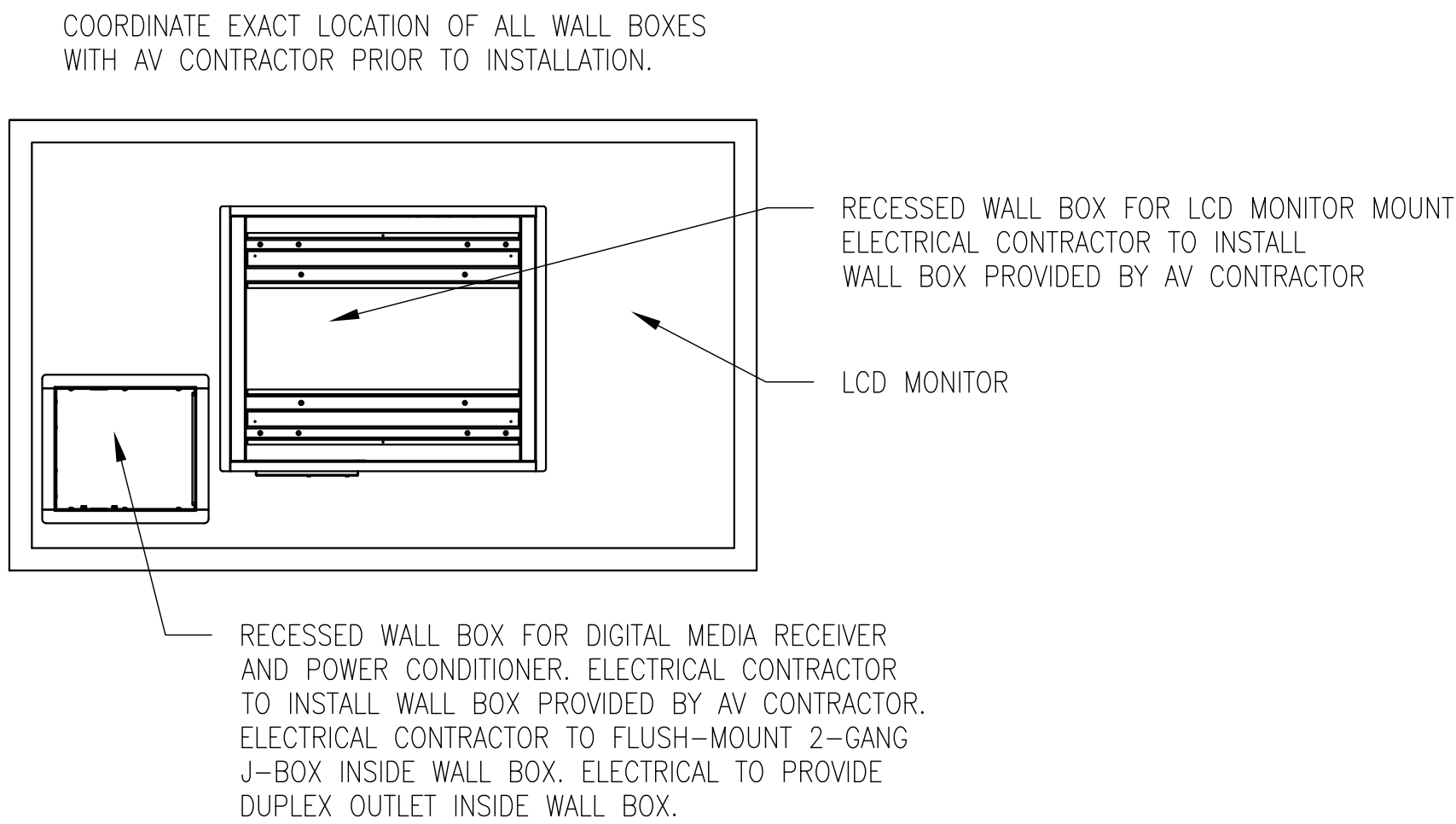
2	8/09/12	ADDENDUM NO.2		
REVISION:	DATE:	DESCRIPTION:	MADE BY:	APPROVED:
COUNTY OF HAWAII DEPT. OF PUBLIC WORKS - BUILDING DIVISION CORPORATION COUNSEL / LIQUOR CONTROL OFFICE HAZARDOUS MATERIAL MITIGATION AND IMPROVEMENTS PHASE II, RESTORATION JOB NO. B-4087A HILO LAGOON CENTER 101 Aupuni Street, Unit 230 & Suite 325 T.M.K.: 2-2-014; 010 HILO, HAWAII				
AV SYSTEM - CORPORATION COUNSEL ONE LINE DIAGRAM				
REVIEWED BY:			DESIGNED BY: TRB DRAWN BY: APD CHECKED BY: GLM DATE: AUG '12	
BUILDING DIVISION CHIEF DEPT. OF PUBLIC WORKS COUNTY OF HAWAII			DATE: SHEET NO: AV 4.2 SHT. OF SHTS	



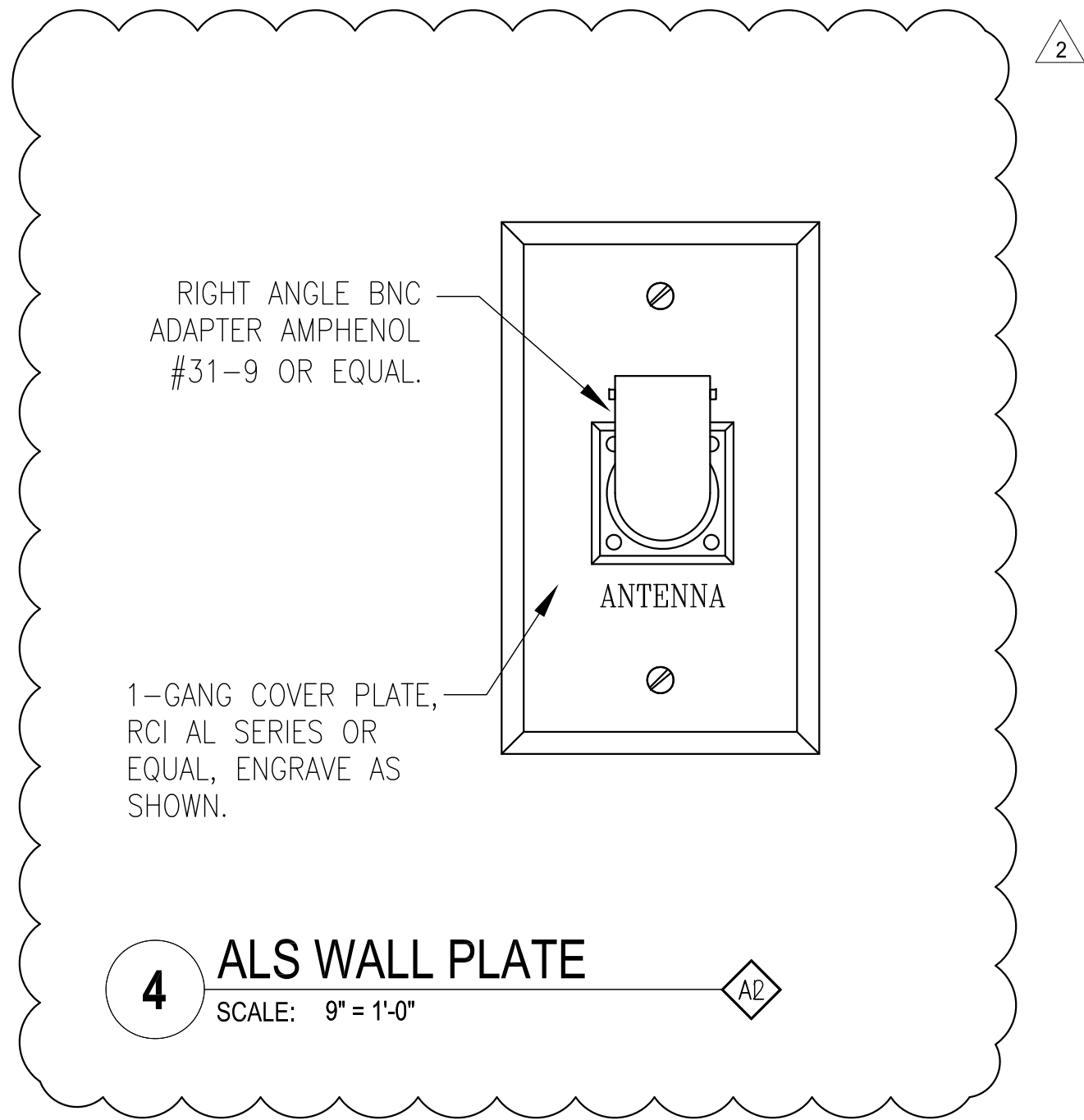
1 CORPORATION COUNSEL AV SYSTEM - AV RACK LAYOUT
SCALE: 1-1/2" = 1'-0"



2 LIQUOR CONTROL AV SYSTEM - AV RACK LAYOUT
SCALE: 1-1/2" = 1'-0"




3 LIQUOR CONTROL - 80" LCD MOUNTING DETAIL
SCALE: NOT TO SCALE

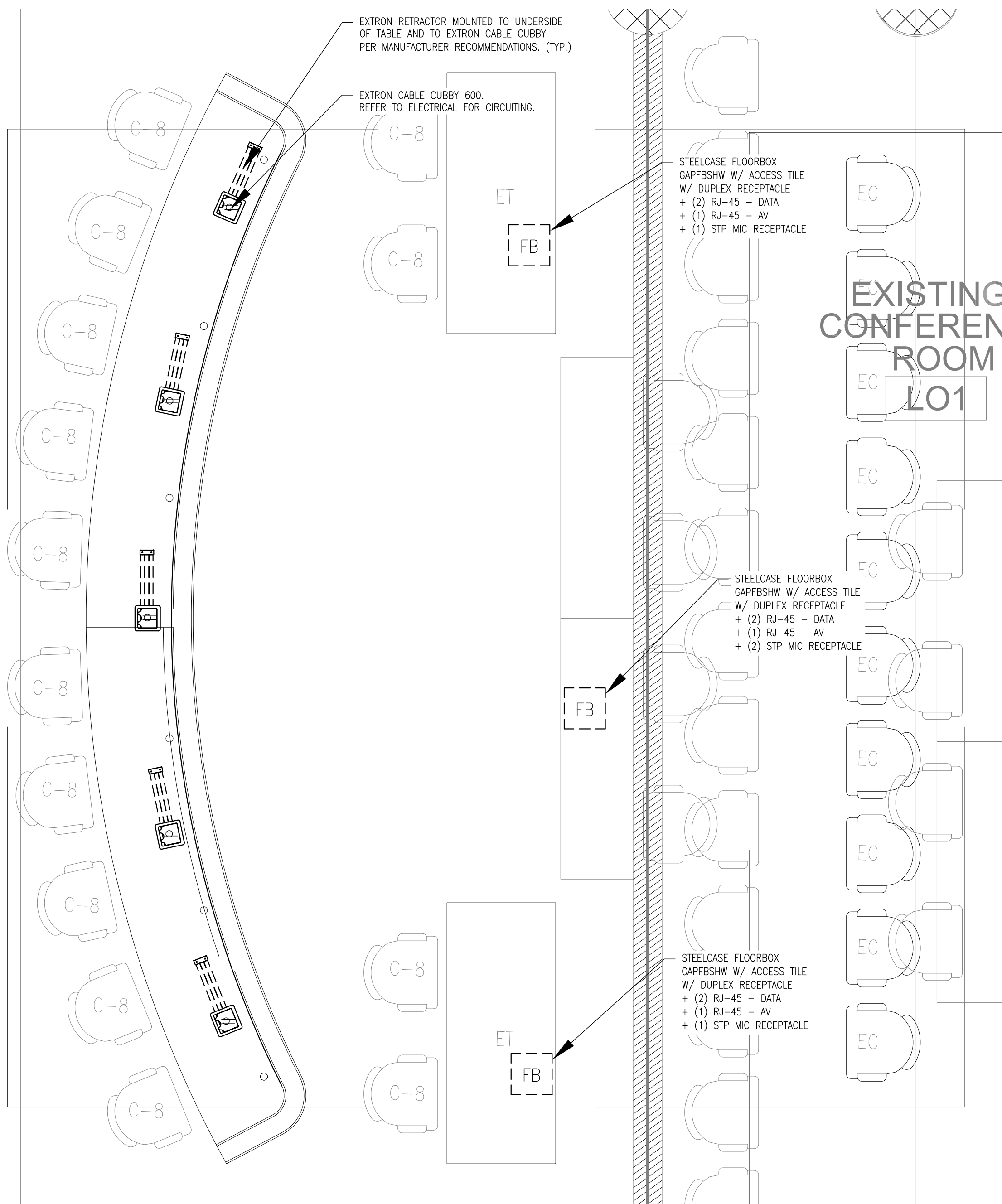


4 ALS WALL PLATE
SCALE: 9" = 1'-0"

 <small>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION, OBSERVATION AS DETAILED IN CHAPTER 16-119 OF THE HAWAII ADMINISTRATIVE RULES, DEPT. OF COMMERCE AND CONSUMER AFFAIRS, ENTITLED PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS, AND LANDSCAPED ARCHITECTS.</small> <small>D. L. ADAMS ASSOCIATES, LTD. 970 N. KALANOA AVE., A-311 KALEIA, HAWAII 96754 808/254-3310 FAX 808/254-5295</small>	2	8/09/12	ADDENDUM NO.2		
	REVISION:	DATE:	DESCRIPTION:	MADE BY:	APPROVED:
	COUNTY OF HAWAII DEPT. OF PUBLIC WORKS - BUILDING DIVISION CORPORATION COUNSEL / LIQUOR CONTROL OFFICE HAZARDOUS MATERIAL MITIGATION AND IMPROVEMENTS PHASE II, RESTORATION JOB NO. B-4087A HILO LAGOON CENTER 101 Aupuni Street, Unit 230 & Suite 325 T.M.K.: 2-2-014; 010 HILO, HAWAII				
	AV SYSTEM - RACK LAYOUTS AND DETAILS				
REVIEWED BY:			DESIGNED BY: TRB DRAWN BY: APD CHECKED BY: GLM DATE: AUG '12		
BUILDING DIVISION CHIEF DEPT. OF PUBLIC WORKS COUNTY OF HAWAII			DATE: SHEET NO: AV 4.3 SHT. OF SHTS		



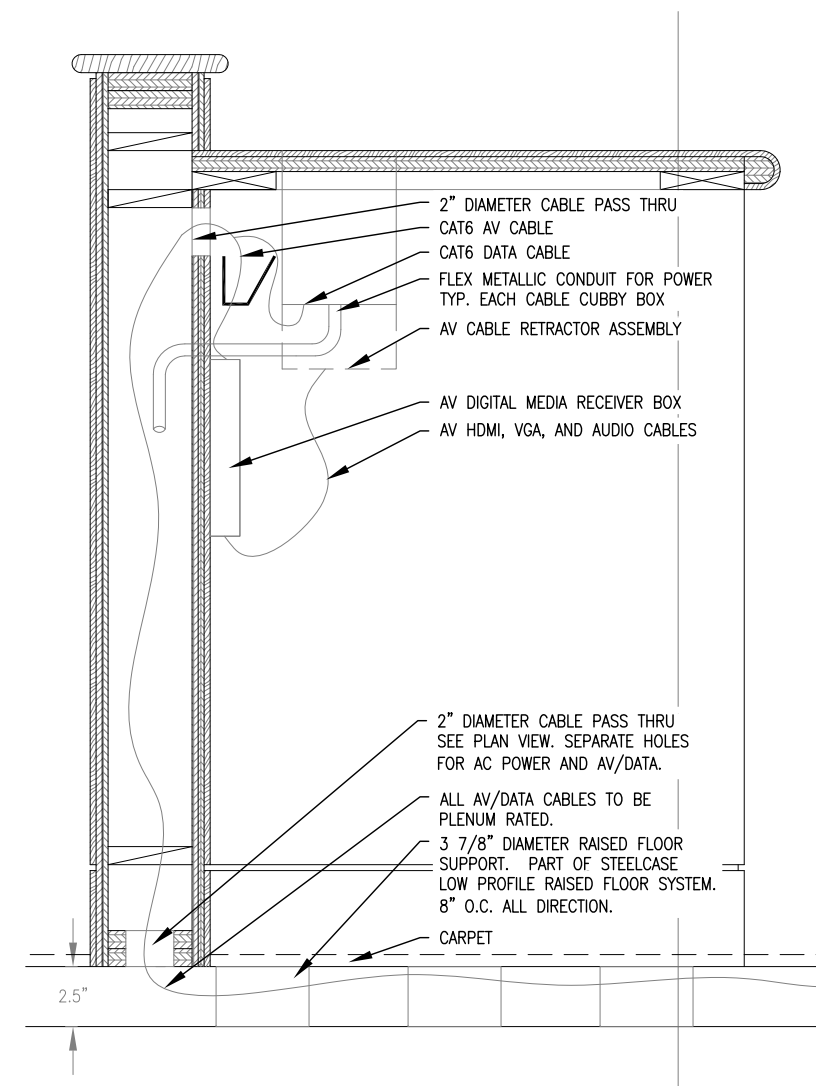
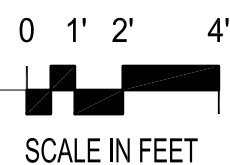
	2	8/09/12	ADDENDUM NO.2: NEW SHEET			
REVISION:		DATE:	DESCRIPTION:		MADE BY:	APPROVED:
<p>COUNTY OF HAWAII</p> <p>DEPT. OF PUBLIC WORKS – BUILDING DIVISION</p> <p>CORPORATION COUNSEL / LIQUOR CONTROL OFFICE</p> <p>HAZARDOUS MATERIAL MITIGATION AND IMPROVEMENTS</p> <p>PHASE II, RESTORATION</p> <p>JOB NO. B-4087A</p> <p>HILO LAGOON CENTER</p> <p>101 Aupuni Street, Unit 230 & Suite 325</p> <p>T.M.K.: 2-2-014: 010</p> <p>HILO, HAWAII</p>						
<p>AV SYSTEM – DETAILS</p>						
<p>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THE PROJECT WILL BE UNDER MY OBSERVATION, OBSERVATION AS DETAILED IN CHAPTER 16-115 OF THE HAWAII ADMINISTRATIVE RULES, DEPT. OF COMMERCE AND CONSUMER AFFAIRS, LICENSED PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS, AND LANDSCAPED ARCHITECTS.</p> <p>JOB NO. : 11009.00</p>					<p>DESIGNED BY: TRB</p> <p>DRAWN BY: APD</p> <p>CHECKED BY: GLM</p> <p>DATE: AUG 12</p>	
					<p>SHEET NO:</p> <p>AV 4.4</p> <p>SHT OF SHTS</p>	
					<p>REVIEWED BY:</p>	
					<p>DATE</p>	
<p>BUILDING DIVISION CHIEF</p> <p>DEPT. OF PUBLIC WORKS</p> <p>COUNTY OF HAWAII</p>						



ADDITIVE ALTERNATE #3
PLAN / TABLE AV DETAILS

1

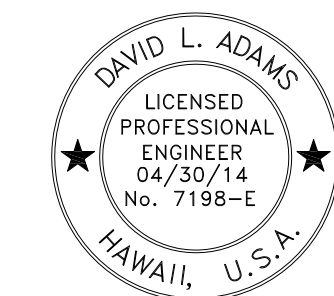
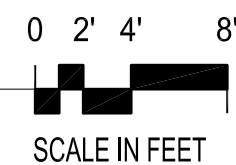
SCALE: 1/2" = 1'-0"



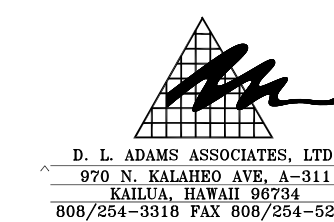
ADDITIVE ALTERNATE #3
SECTION AT CONFERENCE TABLE AV DETAIL

2

SCALE: 1-1/2" = 1'-0"



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. OBSERVATION AS DETAILED IN CHAPTER 16-119 OF THE HAWAII ADMINISTRATIVE RULES, DEPT. OF COMMERCE AND CONSUMER AFFAIRS, ENTITLED PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS, AND LANDSCAPED ARCHITECTS.



D. L. ADAMS ASSOCIATES, LTD.
970 N. KALANOA AVE., A-311
KAILUA, HAWAII 96734
808/254-3310 FAX 808/254-5295

2	8/09/12	ADDENDUM NO.2: NEW SHEET		
REVISION:	DATE:	DESCRIPTION:	MADE BY:	APPROVED:
COUNTY OF HAWAII DEPT. OF PUBLIC WORKS - BUILDING DIVISION CORPORATION COUNSEL / LIQUOR CONTROL OFFICE HAZARDOUS MATERIAL MITIGATION AND IMPROVEMENTS PHASE II, RESTORATION JOB NO. B-4087A HILO LAGOON CENTER 101 Aupuni Street, Unit 230 & Suite 325 T.M.K.: 2-2-014; 010 HILO, HAWAII				
EXISTING LIQUOR CONTROL DEPARTMENT/RESTORATION CABINET AV DETAILS				
REVIEWED BY:			DESIGNED BY: TRB DRAWN BY: APD CHECKED BY: GLM DATE: AUG '12	
BUILDING DIVISION CHIEF DEPT. OF PUBLIC WORKS COUNTY OF HAWAII			DATE SHEET NO: AV 4.5 SHT. OF SHTS	